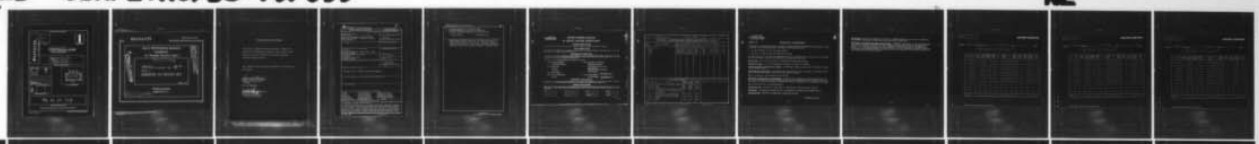
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FAIRFORD RAF, SWINDON, UNITED KINGDOM. REVISED UNIFORM SUMMARY --ETC(U)
MAR 79

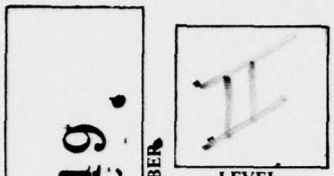
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DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FAIRFORD RAF UK WBAN# 15038
N 51 41 W 001 47 FLD ELEV 287 FT EGVA WMO #

PARTS A-F

POR FROM HOURLY OBS: JAN 61 - DEC 63, JAN 70 - DEC 76
POR FROM DAILY OBS: JUN 52 - FEB 56, MAR 57 - MAY 64

MAR 0 5 1979

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

19. KEY WORDS *(Continue on reverse side if necessary and identify by block number)*

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	

(over)

20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This report is a six-part statistical summary of surface weather observations for FAIRFORD RAF, SWINDON, UNITED KINGDOM

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* UNITED KINGDOM * FAIRFORD RAF, UK

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA
PART B PRECIPITATION
SNOWFALL
SNOW DEPTH
PART C SURFACE WINDS
PART D CEILING VERSUS VISIBILITY
SKYCOVER
PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE DATA NOT AVAILABLE
SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

S74-29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
15038	FAIRFORD RAF UK	N 51 41	W 001 47	287	EGVA	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	FAIRFORD RAF	RAF	Jun 52	Aug 55	N51 41	W001 47	283	261 ft	24
2	Same	Same	Sep 55	Jun 56	Same	Same	Same	Same	10-14
3	Same	Same	Mar 57	Sep 57	Same	Same	Same	293 ft	17
4	Same	Same	Apr 58	Mar 61	Same	Same	284	297 ft	24
5	Same	Same	Apr 61	May 64	Same	Same	287	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 52	Location on top of weather station.	GMQ-1	ML-204B	30 ft	
2	Apr 56	Same	Same	Same	20 ft	
3	Apr 57	Same	Same	Same	30 ft	
4	Sep 57	Located 900 ft from end and 600 ft off centerline of the eastern end of runway.	Same	Same	13 ft	
5	Apr 58	Located 19 ft. 6 in. above the ground near east end of runway.	GMQ-11	RO-2	Same	
6	Feb 59	Located .6 miles SSE of weather station.	Same	Same	Same	
7	May 64	Same	Same	Same	Same	

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CONTINUED ON REVERSE SIDE

U S AIR FORCE
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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	17.5	.7	2.7		20.5	25.5	12.7			37.1	765
	03-05		18.4		2.3		20.5	27.5	10.0			36.9	824
	06-08		18.7	.2	2.3		20.5	25.4	11.2			35.6	834
	09-11		16.0	.1	2.6		18.1	23.0	16.1			37.1	840
	12-14		18.3	.2	2.5	.1	21.1	15.0	18.8			33.0	825
	15-17		21.7	1.1	2.0		23.8	16.1	20.1			35.2	820
	18-20		18.7	.6	2.1		21.3	21.6	24.1	.5		44.3	630
	21-23		18.1	.9	2.7	.2	21.7	31.6	21.2	.7		50.9	452
TOTALS		.0	18.4	.5	2.4	.0	20.9	23.2	16.8	.2		38.8	5990

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		12.8	.3	3.1		15.9	23.3	23.9			45.4	674
	03-05		12.3	.3	3.3		15.8	27.9	22.2			48.7	721
	06-08		12.7	.4	3.3		16.3	28.2	21.6			48.1	723
	09-11		13.4	.7	3.0		16.7	19.0	27.8			44.5	726
	12-14		14.8	.5	3.3	.1	18.4	7.4	27.9			33.9	728
	15-17		13.4	.1	3.4		16.3	5.0	28.9			33.0	734
	18-20		12.5		3.7		15.4	9.5	34.6			43.1	518
	21-23		12.1		4.5		16.4	17.8	33.1			49.2	354
TOTALS			13.0	.3	3.5	.0	16.4	17.3	27.5			43.2	5178

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 — STATION
FAIRFORD RAF UK — STATION NAME
61-63,70-76 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		13.2		1.9		14.7	14.0	29.7			41.1	688
	03-05		14.7		1.5		16.1	20.8	24.9			43.6	782
	06-08		14.2	.1	3.1		16.9	25.0	23.0			44.4	804
	09-11		14.4		3.1		16.8	8.9	29.3			36.5	811
	12-14		12.3		1.9		14.0	1.6	20.9			22.6	807
	15-17		16.9		3.4		18.8	1.1	20.6			21.6	792
	18-20		14.7		1.7		16.0	2.9	29.0			30.9	525
	21-23		12.3		.3		12.3	6.3	29.9			35.4	398
TOTALS			14.1	.0	2.1		15.7	10.1	25.9			34.5	5607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		15.7		.2		15.8	14.7	20.7			35.0	632
	03-05		15.8		.4		16.1	22.0	22.5			43.1	685
	06-08		19.3		1.2		20.3	18.9	24.0			40.2	767
	09-11		17.0		.9		17.9	6.2	20.2			25.8	772
	12-14		15.5		.9	.1	16.5	2.1	17.0			18.7	759
	15-17		16.0		1.1	.1	17.1	.5	15.5			16.0	742
	18-20		16.7				16.7	3.7	20.6			23.6	491
	21-23		14.9				14.9	9.7	22.1			30.9	443
TOTALS			16.4		.6	.0	16.9	9.7	20.3			29.2	5291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1503R (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		12.4				12.4	8.7	19.9			28.4	669
	03-05		10.6				10.6	22.9	22.9			44.2	724
	06-08		11.1				11.1	8.1	26.0			33.4	791
	09-11		13.5				13.5	.5	14.9			15.4	793
	12-14	.1	12.9				12.9		10.8			10.8	781
	15-17	.5	13.0				13.0	.3	9.0			9.3	785
	18-20	.4	11.7				11.7	1.3	11.9			13.1	548
	21-23	.2	10.3				10.3	2.7	20.4			23.0	486
TOTALS		.2	11.9				11.9	5.6	17.0			22.2	5577

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.0	8.9				8.9	9.6	16.1			25.7	708
	03-05	.4	10.9				10.9	24.1	18.9			40.3	755
	06-08		9.8				9.8	8.5	26.5			33.5	773
	09-11	.4	9.4				9.4	.9	14.3			14.9	770
	12-14	.7	11.1				11.1		10.4			10.4	766
	15-17	.4	10.2				10.2		5.9			5.9	777
	18-20	2.0	10.5				10.5	.7	8.5			9.2	553
	21-23	1.3	7.3				7.3	3.3	17.9			20.9	521
TOTALS		.8	9.8				9.8	5.9	14.8			20.1	5623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.1	9.3				9.3	10.4	16.1			25.6	710
	03-05	.5	12.3				12.3	25.0	17.8			40.9	771
	06-08	.6	11.9				11.9	12.7	21.0			31.5	809
	09-11	.2	9.8				9.8	2.2	14.1			16.1	813
	12-14	.2	7.8				7.8	.5	9.3			9.7	804
	15-17	.6	10.0				10.0	.6	7.5			7.9	802
	18-20	.6	7.9				7.9	1.1	10.9			12.0	543
	21-23	.2	6.3				6.3	3.7	17.3			20.3	508
TOTALS		.4	9.4				9.4	7.0	14.3			20.5	5760

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	8.9				8.9	9.3	18.5			27.4	719
	03-05	.9	11.4				11.4	23.1	16.3			39.1	762
	06-08	.1	12.5				12.5	15.4	21.4			35.9	786
	09-11	.1	10.7				10.7	1.6	18.9			20.2	794
	12-14	.1	12.1				12.1	1.3	12.5			13.8	784
	15-17	.5	9.0				9.0	1.3	10.7			11.9	766
	18-20	.4	11.4				11.4	2.3	13.5			15.7	562
	21-23	.4	9.8				9.8	3.0	16.8			19.6	542
TOTALS		.4	10.7				10.7	7.2	16.1			23.0	5715

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		11.7				11.7	24.0	18.5			41.3	707
	03-05	.3	12.7				12.7	35.3	15.4			48.7	754
	06-08	.1	13.8				13.8	32.0	13.9			44.3	796
	09-11		12.6				12.6	7.7	18.6			24.9	808
	12-14	.5	12.5			.1	12.5	2.5	14.6			16.6	799
	15-17	.4	11.6				11.6	1.3	15.5			16.3	791
	18-20		11.2				11.2	3.7	21.7			24.8	545
	21-23	.4	11.2				11.2	11.2	19.9			29.8	507
TOTALS		.2	12.2			.0	12.2	14.7	17.3			30.8	5707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		12.7				12.7	31.3	10.8			41.4	742
	03-05		12.6				12.6	34.6	7.2			41.0	780
	06-08		15.0				15.0	36.4	10.2		.1	45.3	793
	09-11		12.7				12.7	17.7	20.3			36.5	801
	12-14		14.1				14.1	6.2	20.5			25.9	795
	15-17	.1	13.2				13.2	3.5	19.8			22.8	802
	18-20		12.7				12.7	11.8	21.7			32.4	553
	21-23		10.8				10.8	24.6	16.1			39.8	517
TOTALS		.0	13.0				13.0	20.8	15.8		.0	35.6	5783

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		17.5		.7		17.5	29.3	9.4			37.2	737
	03-05		20.9		.5		20.9	29.8	9.1			38.0	802
	06-08		18.8		1.0		19.5	29.5	8.4			36.4	796
	09-11		16.0		.7		16.5	20.1	15.4			33.2	805
	12-14		17.8		.6		18.2	9.0	16.6			24.7	796
	15-17		18.0		.9		18.4	10.2	19.8			28.6	804
	18-20		15.0		.9		15.4	17.6	19.4			33.9	573
	21-23		16.7		.3		16.7	29.9	13.7			38.6	365
TOTALS			17.6		.7		17.9	21.9	14.0			33.8	5678

USAFETAC FORM JULY 64 0-10-5(OL A), ...OUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		12.1	.1	2.4		14.2	32.7	14.3			46.2	678
	03-05		15.0		2.5		16.9	28.9	13.6			41.2	718
	06-08		16.9	.1	2.6		19.4	29.0	14.5			41.5	723
	09-11		16.0	.1	3.1		18.6	24.8	20.2	.1		42.6	733
	12-14		13.7	.7	2.1		18.1	17.9	25.6			41.2	714
	15-17		14.0	.4	1.5		15.6	19.9	27.5			45.1	730
	18-20	.2	11.0	.6	1.5		13.1	27.0	25.5			50.0	534
	21-23		8.7		2.8		11.0	39.9	26.7			62.9	356
TOTALS		.0	13.7	.3	2.3		15.9	27.5	21.0	.0		46.3	5186

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15038 FAIRFORD RAF UK 61-63,70-76 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	18.4	.5	2.4	.0	20.9	23.2	16.8	.2		38.8	5990
FEB			13.0	.3	3.5	.0	16.4	17.3	27.5			43.2	5178
MAR			14.1	.0	2.1		15.7	10.1	25.9			34.5	5607
APR			16.4		.6	.0	16.9	9.7	20.3			29.2	5291
MAY		.2	11.9				11.9	5.6	17.0			22.2	5577
JUN		.8	9.8				9.8	5.9	14.8			20.1	5623
JUL		.4	9.4				9.4	7.0	14.3			20.5	5760
AUG		.4	10.7				10.7	7.2	16.1			23.0	5715
SEP		.2	12.2			.0	12.2	14.7	17.3			30.8	5707
OCT		.0	13.0				13.0	20.8	15.8		.0	35.6	5783
NOV			17.6		.7		17.9	21.9	14.0			33.8	5678
DEC		.0	13.7	.3	2.3		15.9	27.5	21.0	.0		46.3	5186
TOTALS		.2	13.4	.1	1.0	.0	14.2	14.2	18.4	.0	.0	31.5	67095

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

15038	FAIRFORD RAF UK	52-55, 57-64	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	58.4	2.3	20.1	1.0	66.9	67.2	77.9	.6		89.6	308
FEB		.7	53.9	.4	22.7	.7	66.7	53.9	82.3	.4		90.1	282
MAR		1.0	52.4	.3	14.4	1.3	60.1	56.9	83.4			86.9	313
APR		1.0	58.7		3.0	2.0	58.7	47.7	77.0			82.0	300
MAY		4.5	59.4		.3	1.6	59.4	36.1	70.3			75.8	310
JUN		7.2	58.1			.3	58.1	39.2	77.3			80.8	291
JUL		6.8	56.8			1.0	56.8	36.5	65.5			70.0	310
AUG		6.6	67.9				67.9	44.2	69.2	.3		75.1	305
SEP		2.9	57.2			.7	57.2	54.3	67.0			74.3	276
OCT		1.8	65.9			1.1	65.9	58.1	73.8			80.3	279
NOV		1.1	72.6	.4	5.4	.7	73.6	66.8	74.4			88.1	277
DEC			68.6	1.0	10.5	.3	72.1	65.5	71.8	.3		88.5	287
TOTALS		2.8	60.8	.4	6.4	.9	63.6	52.3	74.2	.1		81.8	3538

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

74-29961

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13038 — STATION
FAIRFORD RAF UK — STATION NAME
58-64 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	29.8	21.9	5.1	11.2	9.3	12.6	7.0	2.8	.5					46.4	215	2.66	4.24	.94
FEB	37.4	25.8	5.6	11.6	5.6	10.6	2.5	1.0						36.9	193	1.18	2.33	.11
MAR	35.9	23.5	5.5	12.4	7.4	8.8	4.1	2.3						40.6	217	1.75	3.56	.39
APR	34.8	20.5	3.8	11.9	9.5	11.9	6.2	1.4						44.8	210	1.89	3.79	.48
MAY	41.5	19.8	5.1	12.9	5.5	7.8	6.0	1.4						38.7	217	1.68	2.91	1.01
JUN	43.3	20.6	7.2	9.4	6.1	7.8	3.3	1.1	1.1					36.1	180	1.72	2.99	.12
JUL	39.0	19.9	6.5	10.8	5.4	10.8	4.8	2.2						40.3	186	1.79	2.56	1.20
AUG	27.4	24.7	6.5	14.0	6.5	12.9	4.3	2.7	1.1					47.8	186	2.46	4.19	.90
SEP	46.3	10.0	3.3	12.2	6.7	10.0	5.0	3.9						41.1	180	2.10	3.47	.16
OCT	35.5	16.1	5.4	14.5	8.1	11.8	5.4	3.2						48.4	186	2.22	4.42	1.00
NOV	23.3	20.0	8.3	12.8	9.4	12.8	8.9	4.4						56.7	180	2.83	5.00	.77
DEC	29.0	18.8	4.3	14.0	7.0	13.4	9.1	3.8						51.6	186	2.91	4.62	.76
ANNUAL	35.9	20.1	5.5	12.3	7.2	10.9	5.3	2.5	.2					44.3	2341	25.19		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 58-64 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58	* .26	.58	.35	.14	.36	.69	.27	.21	.57	.46	.62	.54	.69
59	.70	.07	.64	.77	.36	.43	.59	1.04	.18	.53	.43	.67	1.04
60	1.32	.33	.76	.27	.56	1.81	.82	.66	.67	.62	.74	.72	1.81
61	.50	.68	.13	.57	.47	1.02	.38	.40	.52	.67	.22	.98	1.02
62	.62	.19	.32	.28	.38	.05	.64	1.78	.51	.28	.29	.82	1.78
63	.45	.10	.47	.23	.40	.72	.54	.52	.43	.53	1.00	.31	1.00
64	.13	.16	.82	.43	.98								
MEAN	.620	.301	.499	.391	.501	.787	.540	.768	.480	.515	.550	.673	1.330
S. D.	.395	.241	.252	.216	.223	.597	.194	.569	.167	.137	.295	.231	.425
TOTAL OBS.	215	198	217	210	217	180	186	186	180	186	180	186	2341

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 58-64
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58	* .96	1.97	.94	.48	1.19	1.87	1.20	.90	2.21	1.97	1.67	2.16	*17.72
59	4.24	.11	1.99	2.12	1.37	1.57	1.76	3.02	.18	1.78	2.67	4.62	25.43
60	3.35	2.08	1.27	.77	1.48	2.99	2.56	2.62	3.47	4.42	5.00	3.54	33.55
61	3.36	2.53	.39	3.79	1.01	1.23	1.73	1.78	2.23	2.34	.77	3.97	25.13
62	3.42	.45	1.01	1.80	2.14	.12	1.71	4.19	2.76	1.00	1.75	2.38	22.73
63	.97	.41	3.56	2.02	1.65	2.53	1.80	2.27	1.72	1.80	4.94	.76	24.43
64	.64	.71	3.10	2.22	2.91								
MEAN	2.663	1.130	1.751	1.886	1.679	1.718	1.793	2.463	2.095	2.218	2.833	2.905	26.254
S.D.	1.482	.979	1.186	1.083	.652	1.011	.436	1.119	1.111	1.164	1.762	1.408	4.211
TOTAL OBS.	215	198	217	210	217	180	186	186	180	186	180	186	2341

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 52-64
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	80.0	10.3	2.9	3.9	1.3	1.0	.3		.3					9.7	310	4.1	9.4	TRACE
FEB	77.0	14.2	3.5	3.9	.7	.7								8.9	282	2.3	6.7	.0
MAR	87.4	10.3	1.2	1.2										2.3	341	.4	2.0	.0
APR	97.0	2.7		.3										.3	330	TRACE	.5	.0
MAY	98.5	1.5													341	TRACE	TRACE	.0
JUN	100.0														321	.0	.0	.0
JUL	100.0														341	.0	.0	.0
AUG	100.0														333	.0	.0	.0
SEP	100.0														318	.0	.0	.0
OCT	100.0														336	.0	.0	.0
NOV	94.7	3.6	1.0	.7										1.7	302	.3	1.6	.0
DEC	89.5	7.0	1.4	.7	.3		.3	.3	.3					3.5	286	2.5	14.2	.0
ANNUAL	93.7	4.1	.8	.9	.2	.1	.0	.0	.0					2.2	3841	9.6		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 52-64
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52					*	.0	.0*	.0	.0	.0	1.3	1.0	
53	TRACE	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.3
54	3.7	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0*	TRACE	.2	3.7
55	3.1	2.5	.7	.0	TRACE	.0	.0	.0*	.0*	.0*	.0		
56													
57			.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	
58	1.2	1.4	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.4
59	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
60	6.6	2.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.6
61	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
62	1.0	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	9.0	9.0
63	3.0	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
64	1.5	TRACE	1.0	TRACE	.0								
MEAN	2.22	.89	.27	.05	TRACE	.00	.00	.00	.00	.00	.23	1.71	3.94
S.D.	1.932	1.015	.420	.151	.000	.000	.000	.000	.000	.000	.468	3.177	3.030
TOTAL OBS.	310	282	341	330	341	321	341	333	318	336	302	286	3841

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 52-64
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52					*	.0	.0*	.0	.0	.0	1.6	1.0	
53	TRACE	2.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.3
54	4.4	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0*	TRACE	.2	* 5.6
55	9.0	6.7	1.2	.0	TRACE	.0	.0	.0*	.0*	.0*	.0		
56													
57			.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	
58	2.2	3.8	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	6.5
59	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
60	9.4	6.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.2
61	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	8.1
62	1.0	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.8	14.2	16.2
63	8.8	3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	12.0
64	1.8	TRACE	2.0	TRACE	.0								
MEAN	4.05	2.25	.41	.05	TRACE	.00	.00	.00	.00	.00	.30	2.54	9.20
S.D.	3.674	2.666	.685	.151	.000	.000	.000	.000	.000	.000	.595	4.972	5.761
TOTAL OBS.	310	282	341	330	341	321	341	333	318	336	302	286	3841

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

15039 — STATION
FAIRFORD RAF UK — STATION NAME
52-64 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	75.9	6.5	2.7	2.4	1.2	8.0	2.4	.9						17.6	336			
FEB	72.3	16.4	7.1	2.6	1.3	.3								11.3	311			
MAR	97.1	2.9													341			
APR	100.0														330			
MAY	100.0														341			
JUN	100.0														321			
JUL	100.0														341			
AUG	100.0														333			
SEP	100.0														327			
OCT	100.0														310			
NOV	99.1	.6			.3									.3	325			
DEC	93.1	1.5	2.4	.6	.6	1.2		.4						5.4	334			
ANNUAL	94.8	2.3	1.0	.5	.3	.8	.2	.1						2.9	3950			

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 52-64
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52						* 0	0*	0	0	0	3	3	
53	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
54	4	2	0	0	0	0	0	0	0	0*	0	TRACE	4
55	5	4	TRACE	0	0	0	0	0*	0	*	0*	0	
56	*TRACE	1											
57			0	0	0	0	0	0	0	0	0	0	
58	2	1	TRACE	0	0	0	0	0	0	0	0	0	2
59	1	0	0	0	0	0	0	0	0	0	0	0	1
60	6	3	0	0	0	0	0	0	0	0	0	0	6
61	TRACE	0	0	0	0	0	0	0	0	0	0	5	5
62	5	TRACE	TRACE	0	0	0	0	0	0	0	0	13	13
63	18	3	TRACE	0	0	0	0	0	0	0	0	0	18
64	0	0	0	0	0								
MEAN	4.1	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.1	6.6
S. D.	5.405	1.433	.000	.000	.000	.000	.000	.000	.000	.000	1.000	4.202	6.554
TOTAL OBS.	336	311	341	330	341	321	341	333	327	310	325	334	3950

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

   NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

   a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

   b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

   NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

C

74-29962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 58-64
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58	N	*36E	*30WNW	32$SW	33$E	33W	32W	*29WSW	30W	35			
59					$S	*31WSW	30$W	25W	28WNW	42$SW	42WSW	45	
60	WNW 39$W	35W	30WSW	39$NE	30$W	31W	33$E	28WNW	28E	33$W	43WSW	45	WSW 45
61	WSW 43$W	*48WSW	31$E	30NSW	30N	21$	29WSW	33$	37NW	38WSW	40WSW	49	WSW 49
62	WSW 52N	42WSW	35WSW	40W	32WSW	*35WSW	30NNE	33$	40WNW	33$	31WNW	45	WSW 52
63	NE 40ENE	27$W	46$	32W	29WSW	34$	25WSW	34WSW	30$	25WNW	45ENE	29	SW 46
64	WNW 30WSW	26ENE	27$SE	31W	38								
MEAN	40.8	32.5	33.8	34.0	32.0	29.8	29.8	30.6	32.2	34.3	40.2	42.6	45.5
S.D.	7.918	7.506	7.396	4.336	3.286	5.965	2.787	3.912	5.076	5.715	5.450	7.797	
TOTAL OBS.	155	153	182	180	186	172	186	170	180	186	150	154	2054

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.3	.1	.1							2.7	7.4
NNE	.4	.8	.1	.1	.1							1.6	5.9
NE	1.0	1.6	1.6	1.4								5.6	7.5
ENE	1.2	1.8	2.4	1.8	.5							7.7	8.5
E	1.0	2.0	1.4	1.3	.3							6.0	7.6
ESE	.8	.8	.5	.5								2.6	6.4
SE	.1	.3	.4	.5								1.3	9.7
SSE	.4	.3	1.7	1.3	.8							4.4	10.7
S	1.0	.8	2.4	2.4	2.2	1.8						10.3	13.4
SSW	.5	2.4	2.5	3.7	.9							9.9	10.0
SW	2.1	3.5	4.3	2.1	.4	.1						12.5	7.7
WSW	1.4	2.6	4.4	3.6	1.0	.3						13.6	9.8
W	1.4	1.6	1.4	1.8	.7	.8						7.7	10.2
WNW	.5	.7	.4	.1		.4						2.1	8.6
NW	.4	.1	.3	.3								1.0	6.5
NNW	.1	.1	.8	.3								1.3	9.0
VARBL													
CALM												9.4	
	13.1	19.9	25.9	21.6	7.1	3.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 765

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	1.1		.1							1.9	7.6
NNE	.5	.7	.7	.2	.2							2.4	7.3
NE	1.0	1.3	1.5	1.3								5.1	7.5
ENE	1.9	2.2	2.3	2.3	.4							9.1	7.9
E	1.6	1.9	2.4	.9	.4							7.2	6.9
ESE	.2	.7	1.5	.5								2.9	7.6
SE	.7	.6	.9	1.0	.5							3.6	8.9
SSE	.4	.7	.2	1.0	.2							2.6	9.6
S	.7	1.0	2.6	1.9	2.7	.7						9.6	12.8
SSW	.5	1.6	2.2	3.3	1.2	.4						9.1	11.3
SW	1.1	4.0	4.6	2.7	.5							12.9	8.2
WSW	1.3	1.6	2.7	4.4	1.1	.1						11.2	10.1
W	1.7	1.2	2.1	2.6	.4	.5	.2					8.6	10.0
WNW	.2	.4	.6	.2	.1							1.6	8.5
NW		.5	.6									1.1	6.8
NNW	.1	.2	.9	.1								1.3	7.5
VARBL													
CALM												9.6	
	12.3	19.2	26.8	22.4	7.8	1.7	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 822

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	.6	.1								2.4	5.8
NNE	.8	1.1	1.0	.1	.4							3.4	7.0
NE	1.0	1.1	1.1	1.0								4.1	7.4
ENE	2.2	2.8	2.8	2.3	.5							10.4	7.8
E	1.7	2.4	1.4	1.3	.2							7.1	7.1
ESE	.2	1.0	1.1	.8	.1	.1						3.4	9.1
SE	.4	.4	1.4	.5	.1							2.8	8.3
SSE	.1	.5	.7	.7	.7							2.8	11.9
S	.7	1.1	1.8	1.7	2.0	.1						7.4	12.0
SSW	.8	1.7	1.8	3.5	1.2	.7						9.7	11.5
SW	1.1	3.5	4.1	2.0	1.0	.1						11.8	8.8
WSW	2.3	1.2	4.9	3.8	1.0	.5	.1					13.8	9.9
W	1.6	2.0	1.9	1.9	.8	.1						8.4	8.9
WNW	.6	.5	.4	.4	.5							2.3	9.4
NW	.2	.4	.4	.1								1.1	6.0
NNW		.4	.4	.1	.1							1.0	9.6
VARBL													
CALM												8.4	
	13.9	21.2	25.7	20.4	8.6	1.7	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 834

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.8	.2	.2							2.6	7.7
NNE	.5	1.0	1.1	.7								3.2	7.6
NE	1.0	.8	1.0	1.2	.5							4.4	8.9
ENE	1.8	2.5	2.5	2.3	.2							9.3	7.8
E	2.3	2.0	2.3	1.2	.2	.1						8.1	6.9
ESE	.6	.1	.5	.7								1.9	7.9
SE	.5	.6	1.3	1.1	.2							3.7	9.4
SSE	.2	.6	1.5	1.7	.7	.1						4.9	11.3
S	.4	.4	1.5	2.9	1.3	.8						7.3	13.8
SSW	.5	.5	2.7	3.5	1.5	.2						8.9	12.1
SW	1.3	2.4	3.2	3.7	.6	.4	.1					11.7	9.6
WSW	1.4	2.7	3.9	4.5	1.0	.6	.6	.1				14.9	10.8
W	1.8	.8	1.5	2.5	1.2	.1	.1					8.1	10.1
WNW	.1	.5	.4	.5	.2	.1						1.8	10.7
NW	.2	.8	.8	.4								2.3	7.3
NNW	.1	.4	.2	.1								.8	6.6
VARBL													
CALM												6.2	
	12.9	17.1	25.4	27.0	8.0	2.5	.8	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	.7	.7								2.7	8.1
NNE	.4	.7	1.1	.7	.1							3.0	8.7
NE	.8	.5	1.9	1.0	.2	.1						4.6	9.1
ENE	1.3	1.0	2.8	2.5	.4							8.0	9.0
E	1.9	1.0	2.7	.8	.2	.4						7.0	7.9
ESE	.8	.6	1.0	.6		.1						3.2	7.7
SE	.5	1.0	1.0	.4	.2	.5						3.5	10.1
SSE	.5	.8	.8	2.7	.5	.4						5.7	11.2
S	.4	.7	1.3	2.6	2.3	.4						7.9	13.3
SSW	.4	.7	1.6	4.8	.7	.4	.4					9.0	12.8
SW	1.3	1.9	2.9	3.3	1.5	.5						11.4	10.4
WSW	1.0	1.6	3.8	4.4	2.8	.7						14.2	12.1
W	1.3	1.0	3.3	2.6	.8	.8	.2					10.3	11.1
WNW	.6	.5	.7	.5	.4	.4						3.0	10.8
NW	.5	.4	.5	.4	.1	.4						2.2	10.3
NNW	.2	.4	.5	.5								1.6	8.0
VARBL													
CALM												2.8	
	12.4	13.6	26.5	28.6	10.3	5.0	.6					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 825

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15039 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	1.0	.1								2.3	6.3
NNE	.5	.6	1.0	.5	.1							2.7	7.8
NE	.6	.5	1.5	1.0	.2	.1						3.9	9.6
ENE	.4	.7	3.2	3.5	.2	.2						8.3	10.4
E	.9	1.0	2.0	.7	.2	.1						4.9	8.4
ESE	.4	.6	1.7	.6	.1							3.4	8.5
SE	.4	1.5	1.8	.7	.1	.1						4.6	8.3
SSE	.6	1.1	1.2	1.0	.7							4.6	9.3
S	.4	1.2	2.7	2.9	1.3	.5						9.0	11.9
SSW	.4	.9	2.1	3.2	.7	.2	.1					7.6	11.4
SW	1.1	1.3	3.5	2.7	.4	.5		.1				9.6	10.1
WSW	1.2	2.2	3.8	6.3	1.6	.7	.1					16.0	11.3
W	1.5	1.0	2.2	1.7	1.2	.9	.1					8.5	11.3
WNW	.5	.7	1.0	.7	.1							3.0	8.2
NW	.1	.5	.9	.5	.1	.2						2.3	10.6
NNW		.4	1.0	.2	.1							1.7	9.5
VARBL													
CALM												7.4	
	9.0	15.1	30.4	26.5	7.4	3.7	.4	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.8	.6	.2	.2							2.7	6.1
NNE	.8	1.1	.5	.6								3.0	6.6
NE	1.6	1.4	2.9	1.4								7.3	7.7
ENE	1.3	1.7	2.7	2.9	.8	.2						9.5	9.7
E	1.7	1.1	2.2	1.7								6.8	7.6
ESE	.2	.8	1.6	.3	.2							3.0	8.1
SE	.2	.5	1.3	1.1								3.0	9.7
SSE		1.0	2.5	1.6	.2	.2						5.4	9.9
S	1.1	.6	1.4	3.5	2.1	.3						9.0	11.9
SSW	.5	1.4	2.7	2.1	.2							6.8	8.7
SW	2.1	2.5	3.5	1.7	.2	.2						10.2	7.2
WSW	1.3	2.7	2.7	3.7	1.0	.8						12.1	10.4
W	.8	2.1	2.2	1.3	.5	.5		.2				7.5	10.0
WNW	.2	.5	.2									.8	5.0
NW		.6	.6	.3								1.6	8.4
NNW	.3	.3	.0	.2	.2							1.6	8.1
VARBL													
CALM												9.7	
	12.9	19.2	28.3	22.5	5.2	2.1		.2				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 630

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-71 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.5	.4								3.5	7.1
NNE	1.3	1.3	.2	.4								3.3	5.2
NE	2.0	2.4	3.3	1.8	.7							10.2	7.8
ENE	1.3	.9	2.9	3.1	.4							8.6	9.4
E	1.5	1.5	2.0	1.8								6.9	7.3
ESE	.2	.4	1.8	.7								3.1	8.4
SE	.7	.2	1.5	.2								2.7	7.2
SSE	.2	.9	1.5	.2	.4	.2						3.5	9.3
S	.9	.9	3.1	3.5	.4	.7	.2					9.7	11.6
SSW	1.1	2.0	3.5	1.1	.7							8.4	8.2
SW	.9	2.9	3.1	1.8								8.6	7.8
WSW	1.8	.9	2.4	3.3	.4	.7	.4					10.0	11.1
W	1.3	.9	.9	.7	.4	.2						4.4	8.8
WNW		.7	.7									1.3	7.2
NW	.2	.4	.4									1.1	6.0
NNW	.2	.9	.7									1.8	5.3
VARBL													
CALM												12.8	
	14.2	18.4	29.6	19.0	3.5	1.8	.7					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 452

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.9	.2	.1							2.6	7.0
NNE	.6	.9	.8	.4	.1							2.8	7.2
NE	1.1	1.1	1.7	1.2	.2	.0						5.3	8.1
ENE	1.4	1.8	2.7	2.6	.4	.1						8.9	8.7
E	1.6	1.6	2.1	1.2	.2	.1						6.7	7.4
ESE	.5	.6	1.2	.6	.1	.0						2.9	8.0
SE	.4	.7	1.2	.7	.2	.1						3.2	9.0
SSE	.3	.7	1.2	1.3	.6	.1						4.2	10.5
S	.7	.8	2.1	2.6	1.9	.6	.0					8.7	12.6
SSW	.6	1.3	2.3	3.3	.9	.3	.1					8.8	11.0
SW	1.4	2.8	3.7	2.6	.6	.2	.0	.0				11.3	8.8
WSW	1.5	2.0	3.7	4.4	1.3	.5	.2	.0				13.4	10.7
W	1.5	1.3	2.0	2.0	.8	.5	.1	.0				8.2	10.2
WNW	.4	.5	.5	.3	.2	.1						2.1	9.1
NW	.2	.5	.6	.3	.0	.1						1.6	8.3
NNW	.1	.4	.6	.2	.1							1.4	8.1
VARBL													
CALM												7.9	
	12.5	17.9	27.1	23.9	7.5	2.9	.4	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 5988

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.6	1.3	.4	.1							3.9	7.0
NNE	.7	.1	1.0	1.0								3.0	8.3
NE	1.3	1.9	2.8	1.6	.6							8.3	8.0
ENE	2.5	1.3	2.1	4.6								10.5	8.5
E	.7	2.7	1.6	1.5								6.5	7.2
ESE	.4	1.2	.3	.4								2.4	5.9
SE	.3	.7	.7	.3								2.1	7.4
SSE	.1	.6	1.2	.7								2.7	8.5
S	.6	1.0	1.3	1.6	.3	.7						5.6	11.2
SSW	.7	1.2	1.2	1.6	.4							5.2	9.4
SW	1.2	2.1	3.3	1.5	.3							8.3	7.7
WSW	1.5	2.7	4.6	4.0	1.6	.4	.1					15.0	10.4
W	1.6	1.5	1.2	1.5	1.0	.1						7.0	9.2
WNW	.1	.7	.9	.6								2.4	8.0
NW	.3	.9	.6	.9								2.7	7.9
NNW		.7	.6	.4								1.8	8.6
VARBL													
CALM												12.8	
	12.6	21.1	24.8	22.8	4.5	1.3	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.7	1.9	.1								3.3	6.9
NNE	1.1	.3	.7	.4								2.5	6.1
NE	1.1	1.2	2.2	2.8	.4							7.8	9.3
ENE	2.4	1.8	2.2	4.0								10.4	8.1
E	2.1	2.2	1.7	1.2	.1							7.4	6.6
ESE	.6	.1	1.4	.6								2.6	7.6
SE	.6		.6	.8								1.9	8.4
SSE	.7		.6	.6		.1						1.9	9.0
S	.3	1.0	.6	1.5	.4	.1	.3					4.2	12.1
SSW	.7	2.1	1.2	1.5	.4	.1						6.1	9.0
SW	1.4	3.9	2.5	1.5	.3							9.6	7.3
WSW	1.2	2.5	4.3	5.1	1.0	.6						14.7	10.4
W	2.2	1.5	1.9	3.3	.6	.1						9.7	9.1
WNW	1.0	.1	1.2	.6	.1							3.1	8.0
NW	.1	1.0	1.1	.1								2.4	6.8
NNW	.1	.4	1.2	.3								2.1	7.9
VARBL													
CALM												10.4	
	16.1	18.9	25.4	24.5	3.3	1.1	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.1	.7	.1							3.0	8.8
NNE	.4	1.2	1.1	.4								3.2	6.7
NE	1.2	.6	3.2	2.2	.3							7.5	9.0
ENE	1.5	2.1	3.3	3.7	.3	.3						11.2	9.2
E	2.2	2.2	1.5	1.0								6.9	5.8
ESE	.6	.4	1.1	.6								2.6	7.7
SE	.8	.7	.7	.6								2.8	6.5
SSE	.7	.3	.6	1.2	.1							2.9	8.9
S	.4	.7	1.5	1.4	.4	.4						4.8	11.2
SSW	.8	1.0	1.5	.7	.6	.1						4.7	9.0
SW	1.7	2.5	3.2	2.2								9.5	7.6
WSW	1.8	3.2	4.1	3.9	.4	.8	.3					14.5	9.8
W	2.4	1.1	3.2	2.4	.7							9.7	8.3
WNW	.7	.4	.4	.6	.3							2.4	8.4
NW		.7	1.2	.3	.1							2.4	8.6
NNW		.3	1.2	.3	.1							1.9	8.5
VARBL													
CALM												10.0	
	15.5	18.1	29.0	22.0	3.5	1.7	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	1.4	1.1	.3	.1						3.7	9.9
NNE	.4	.3	1.9	1.1								3.7	8.5
NE	1.2	1.0	2.1	2.3	.3							6.9	9.0
ENE	1.8	1.8	3.4	5.4	.6	.3						13.2	9.7
E	1.5	1.5	2.9	.3								6.2	6.4
ESE	.4	.4	1.1	.4								2.3	7.2
SE	.4	.4	.3	1.0	.4							2.5	10.2
SSE	.4	.4	1.0	1.4	.4	.1						3.7	10.9
S	.8	1.0	1.1	2.1	.4		.1					5.5	9.9
SSW	.8	.8	1.1	1.1	.6	.1						4.5	9.8
SW	.8	2.6	2.6	1.9	.3	.1						8.4	8.7
WSW	1.8	2.6	3.4	4.8	1.4	.4	.3					14.7	10.6
W	.8	2.2	2.2	5.1	1.0	.7						12.0	11.3
WNW	.3		1.0	1.1	.4							2.8	11.1
NW	.1	.7	.7	.7								2.2	8.4
NNW			.7	.7								1.4	11.0
VARBL													
CALM												6.2	
	12.3	16.0	26.9	30.4	5.9	1.9	.4					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.4	1.4	.3							3.4	10.6
NNE	.4	.4	1.2	1.7	.1							3.9	9.6
NE	.4	.8	1.7	3.3	.4							6.6	10.8
ENE	.6	1.9	3.9	5.0	1.1	.1						12.5	10.5
E	1.4	2.3	3.6	.4								7.7	6.5
ESE	.7	.7	.4	.6								2.3	6.5
SE	.3	.6	.7	.8	.1							2.5	8.7
SSE	.3	.7	1.0	1.4	.6							3.9	10.6
S	.8	.7	1.1	1.9	1.1	.7						6.3	12.3
SSW	.7	1.1	1.7	2.1	.1							5.6	9.0
SW	1.0	1.4	2.3	2.6	1.0							8.3	9.8
WSW	.8	1.8	2.9	5.2	1.8	.6						13.1	11.9
W	.3	1.7	1.4	3.4	3.7	1.1	.1					11.7	14.4
WNW		.3	.6	1.8	1.0	.3						3.9	14.2
NW	.1	.3	1.9	1.4	.1							3.9	10.0
NNW		.1	.8	2.1								3.0	11.8
VARBL													
CALM												1.5	
	7.7	15.1	26.4	34.9	11.4	2.8	.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 727

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	1.8	.4	.5							3.7	9.5
NNE		.5	1.5	1.0	.1							3.1	9.5
NE	.4	1.1	2.3	3.1	.3							7.2	9.9
ENE	.4	2.7	3.0	5.2	1.0							12.3	9.9
E	1.9	2.2	2.5	.5								7.1	5.8
ESE	1.0	.8	.3	.7								2.7	6.5
SE	.3	.7	.5	.5								2.0	8.1
SSE	.1	.8	.8	.4	.5							2.7	10.2
S	.4	1.6	1.1	2.2	1.2	.1						6.7	10.7
SSW	.3	2.0	1.5	1.3	.4	.1						6.1	9.2
SW	.4	2.2	1.8	2.3	.5							7.2	9.6
WSW	.3	1.1	3.8	5.7	1.9	.7						13.8	12.1
W	.8	.8	3.3	3.1	2.0	.7						10.8	12.1
WNW	.1	.3	1.6	1.5	1.0	.4						4.9	13.1
NW	.1	1.9	1.8	1.3	.1							5.4	8.8
NNW	.1	1.1	.8	.5								2.6	7.9
VARBL													
CALM												1.6	
	7.6	20.4	28.3	30.2	9.7	2.0						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.2	1.7	.2	.2							3.1	7.1
NNE	1.2	1.5	1.9	.8								5.4	7.0
NE	1.0	1.5	3.9	2.1								8.5	8.3
ENE	1.7	1.9	3.3	2.9								9.8	8.3
E	2.3	.6	1.4	.6								4.8	5.7
ESE	.4	.2	.2	.4								1.2	7.8
SE	.2	1.2		1.0								2.3	7.4
SSE	.4	1.0	.8		.2							2.3	6.8
S	1.0	1.7	1.4	2.1	.4	.2						6.8	8.9
SSW	1.2	1.5	1.7	2.1	.4							6.9	8.7
SW	.2	2.5	1.7	1.7	.4							6.6	8.8
WSW	.8	2.1	5.0	6.0	.4	1.2						15.3	11.2
W	1.2	1.9	2.3	1.5	.6	.2						7.7	8.6
WNW	.6	1.5	1.4	1.4	.2		.2					5.2	9.4
NW	.4	.8	1.7	.6	.2							3.7	8.4
NNW		2.3	1.4	.8								4.4	7.5
VARBL													
CALM												6.0	
	12.9	22.6	29.7	24.1	2.9	1.5	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 518

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-71,73	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	1.1	.6								4.2	6.5
NNE	.9	.8	3.1	1.1								5.6	7.9
NE	1.4	2.0	1.7	2.5								7.6	7.6
ENE	2.0	2.5	4.2	2.0								10.7	7.6
E	1.4	.8	.8	.8								4.0	6.4
ESE	.6		.3	.6								1.4	8.6
SE	.6	.6	.8	1.1								3.1	7.8
SSE	.8	.8	.6									2.3	5.9
S	.6	1.4	1.7	.6								4.2	6.6
SSW	.8	2.8	3.4	1.4	.3							8.8	7.6
SW	1.4	4.2	3.4	1.1	.6							10.7	7.4
WSW	.6	1.7	2.5	3.1	2.3	.6						10.7	11.8
W	.8	1.4	4.2	1.1								7.6	8.3
WNW	1.1	1.1	.3	.6	.6							3.7	8.1
NW	.3	1.4	1.7	.6								4.0	7.9
NNW		.8	2.3									3.1	7.4
VARBL													
CALM												8.2	
	13.6	24.6	32.2	17.2	3.7	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 354

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.5	.6	.2	.0						3.5	8.5
NNE	.6	.6	1.4	.9	.0							3.6	8.0
NE	1.0	1.2	2.5	2.5	.3							7.5	9.1
ENE	1.6	2.0	3.1	4.3	.4	.1						11.5	9.2
E	1.7	1.9	2.1	.8	.0							6.5	6.3
ESE	.6	.5	.7	.5								2.3	7.0
SE	.4	.6	.5	.7	.1							2.4	8.1
SSE	.4	.5	.8	.8	.3	.0						2.9	9.3
S	.6	1.1	1.2	1.7	.6	.2	.1					5.6	10.7
SSW	.8	1.5	1.5	1.5	.4	.1						5.8	9.0
SW	1.0	2.6	2.6	1.9	.4	.0						8.5	8.3
WSW	1.2	2.2	3.9	4.8	1.3	.6	.1					14.1	10.9
W	1.3	1.5	2.4	2.9	1.3	.4	.0					9.8	10.7
WNW	.4	.5	.9	1.0	.4	.1	.0					3.5	10.6
NW	.2	.9	1.3	.8	.1							3.3	8.5
NNW	.0	.7	1.0	.7	.0							2.4	8.9
VARBL													
CALM												7.0	
	12.1	19.1	27.5	26.5	5.9	1.7	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 5177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.6	2.9	.6								5.4	7.5
NNE	1.2	1.2	2.5	1.0								5.8	7.1
NE	2.0	2.0	3.8	1.2								9.0	6.9
ENE	1.7	2.6	1.6	.7	.1							6.8	6.1
E	1.2	1.6	.9	.3								3.9	5.4
ESE	.6			.6								1.2	8.3
SE	.3	.4	.6	.1	.1							1.6	7.5
SSE		.1	.6	.4	.1							1.3	10.7
S	.3	.6	2.2	1.7	.3							5.1	10.1
SSW	1.0	2.2	1.7	1.5	.1							6.5	7.7
SW	1.5	4.4	4.4	2.2	.1							12.5	7.4
WSW	1.5	3.1	2.3	3.8	1.2							11.8	9.4
W	3.6	1.5	.9	.4	.1							6.5	4.9
WNW	.6	1.3	.9	.1	.1							3.1	6.5
NW	.9	1.9	.9	.3								3.9	5.9
NNW	.3	.6	1.2									2.0	7.0
VARBL													
CALM												13.5	
	16.9	25.0	27.2	15.0	2.5							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 688

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	3.5	1.2								6.8	7.7
NNE	.6	.9	2.4	.9	.1							5.0	8.1
NE	2.2	2.0	2.8	1.3								8.3	6.6
ENE	1.9	3.3	2.2	1.0								8.4	6.2
E	1.3	.5	.3									2.0	3.8
ESE	.6	.3	.3	.4	.1							1.7	7.5
SE	.3	.1	.1	.4								.9	8.4
SSE	.1	.1	1.0	1.4	.1							2.8	11.1
S	.9	1.0	1.8	1.4	.1	.1						5.4	8.6
SSW	1.3	1.3	1.8	1.3								5.6	7.5
SW	2.8	2.4	4.2	2.4	.8							12.7	7.9
WSW	2.0	3.1	2.6	2.0	1.3	.3						11.3	8.7
W	2.7	2.0	1.2	.5								6.4	4.9
WNW	.4	1.0	.8									2.2	5.9
NW	.4	.6	1.7	.3								2.9	7.4
NNW	.5	1.5	1.3	.1								3.5	6.3
VARBL													
CALM												14.2	
	19.1	21.5	27.7	14.6	2.6	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 0600-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	4.2	1.2	.1							7.6	8.2
NNE	.9	1.4	3.1	1.2	.4	.2						7.2	8.8
NE	.6	2.7	2.0	1.1								6.5	7.1
ENE	1.6	3.2	2.4	.5								7.7	6.0
E	1.1	1.2	1.0									3.4	5.1
ESE	.2		.9	.5								1.6	9.3
SE	.7	.1	.4	.2	.1							1.6	7.5
SSE	.4	.1	.9	.9								2.2	9.3
S	.1	.7	1.5	2.6		.1						5.1	10.0
SSW	.6	.7	2.0	1.4								4.7	8.3
SW	3.0	3.0	2.5	1.7	.1							10.3	6.7
WSW	2.1	2.9	3.1	3.4	1.6	.4						13.4	9.8
W	2.2	1.4	1.7	1.0	.4							6.7	6.8
WNW	.6	.6	1.1	.2								2.6	6.5
NW	.1	.9	1.2	.1								2.4	6.7
NNW		1.7	.7	.1								2.6	6.7
VARBL													
CALM												14.3	
	14.9	22.3	28.7	16.3	2.7	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 804

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	3.3	1.7	.4							6.3	9.5
NNE	.2	.1	3.2	2.6	.7	.2						7.2	11.6
NE	.4	.9	3.1	2.3	.4							7.2	9.8
ENE	2.3	2.5	3.0	2.3	.2							10.6	7.2
E	2.1	2.2	1.2	1.3								7.0	6.4
ESE	.3	.7	.4	1.1								2.7	8.6
SE	.7	.4	.2	.2								1.6	5.8
SSE	.2	.1	.3	1.2	.1							2.2	11.1
S	.3	.6	1.8	2.3	.7							6.0	10.9
SSW	.3	.3	.3	1.7	.2							3.5	10.2
SW	.7	1.4	2.1	2.3	.2							6.8	9.0
WSW	1.2	1.7	3.6	6.0	1.6	.7						15.2	11.5
W	.6	1.3	1.8	2.6	1.0	.2						7.8	11.0
WNW	.4	.4	1.7	1.1	.4							3.9	9.3
NW	.4	.6	2.1	.3	.1							3.7	8.1
NNW	.2	1.4	1.3	1.3	.1	.2						4.9	9.4
VARBL													
CALM												3.5	
	11.3	15.7	30.1	31.4	6.5	1.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	3.2	2.0	.6							7.3	9.5
NNE	.6	.2	2.7	2.1	.7	.1						6.6	10.7
NE	.5	.7	2.5	4.0	.4	.1						8.2	10.7
ENE	.9	.7	2.4	2.0	.1							6.1	8.6
E	1.2	1.6	1.7	1.7								6.3	7.7
ESE	.4	.5	.5	.6	.4							2.4	9.5
SE	.5	.7	.4	.5	.4							2.5	8.7
SSE	.2	.9	.9	1.2		.1	.1					3.5	10.0
S	.5	.6	2.6	2.1	.9	.4						7.1	11.2
SSW	.4	.2	2.2	2.1	1.0							5.9	11.5
SW	.4	.4	2.7	2.6	.4							6.4	10.4
WSW	.2	.4	2.5	5.2	3.1	1.4						12.8	14.5
W	.5	.9	2.9	3.5	.9	.6	.4					9.5	12.4
WNW	.1	.6	2.5	2.6	.1	.1						6.1	10.4
NW	.1	.4	2.0	1.4	.1							4.0	9.9
NNW	.1	.6	1.9	1.6	.1	.1						4.5	10.3
VARBL													
CALM												1.0	
	7.1	10.7	33.5	35.2	9.2	3.0	.5					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 807

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

02572

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	3.4	2.3	.6							7.7	9.7
NNE	.3	1.1	2.8	2.1								6.3	9.5
NE	.3	.8	3.3	3.4	.4							8.1	10.6
ENE	.6	1.0	1.9	1.6	.1							5.3	8.9
E	.6	1.0	1.8	1.1								4.5	7.9
ESE	.8	1.1	.5	1.0	.1							3.5	7.4
SE		.1	.3	.3	.1							.8	10.3
SSE	.1	1.0	1.6	1.5								4.3	9.4
S	.9	.3	1.8	2.7	.8	.1						6.4	11.1
SSW	.4	.9	1.5	3.5	.5							6.8	11.0
SW	.4	1.1	1.5	2.1	.1							5.3	9.5
WSW	.1	.9	3.0	6.2	2.9	1.1						14.3	13.8
W	.5	1.0	2.8	2.9	.4	.4						8.0	11.0
WNW	.6	.8	1.6	1.6	.8							5.6	10.3
NW	.1	1.4	2.3	2.4	.3							6.4	9.8
NNW	.3	.8	2.7	1.6								5.3	9.1
VARBL													
CALM												1.4	
	6.3	14.3	32.7	36.6	7.1	1.6						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 792

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	2.5	1.1	.2							7.0	7.4
NNE	.2	1.1	2.3	2.1								5.7	9.0
NE	.8	1.9	1.9	1.3	.6							6.5	8.6
ENE	1.3	1.9	1.7	1.3								6.3	7.1
E	1.3	1.1	1.1	.4								4.0	5.9
ESE	.8	.6	.4	.4								2.1	6.6
SE	.4	.4	.6	.4								1.7	7.1
SSE	.6	.8	1.3	1.0								3.6	7.8
S	1.1	1.0	2.7	1.9	.2							6.9	8.9
SSW	.6	.4	1.1	1.5	.2							3.8	9.7
SW	1.1	1.9	1.9	2.1	.2							7.2	8.1
WSW	1.0	1.9	4.2	5.5	.8							13.3	10.2
W	.4	1.3	4.0	1.3	.4							7.4	9.2
WNW	.8	.6	1.9	.8								4.0	7.5
NW	.4	2.1	2.7	.8	.2							6.1	8.0
NNW	.6	1.7	1.9	1.0								5.1	7.6
VARBL													
CALM												9.1	
	13.0	20.2	32.2	22.9	2.7							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70,74-76	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.5	2.0	.3								6.0	6.5
NNE	.5	1.3	1.8									3.5	6.6
NE	1.3	2.3	3.3	2.3	.3							9.3	8.0
ENE		.5	.5	.8								1.8	9.3
E	1.5	1.8	.3									3.5	4.0
ESE	.5	.5		.8								1.8	7.4
SE	.3	.5	.3	.3								1.3	7.0
SSE	.5	.3	.3	.8								1.8	8.6
S	.3	1.3	1.5	1.8								4.8	8.9
SSW	.5	1.3	1.3	2.5								5.5	9.5
SW	3.0	4.0	4.0	3.0								14.1	7.1
WSW	2.3	4.0	5.5	3.5	.3							15.6	8.1
W	2.5	1.5	1.0	1.0								6.0	5.5
WNW	.3	1.5	.5	.5								2.8	6.2
NW	.3	3.3	1.8	.5								5.8	6.7
NNW	.3	1.5	2.3	.3								4.3	7.5
VARBL													
CALM												12.3	
	14.1	28.9	26.1	18.1	.5							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 398

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	3.2	1.4	.3							6.8	8.5
NNE	.6	.9	2.7	1.6	.3	.1						6.1	9.3
NE	1.0	1.6	2.8	2.2	.2	.0						7.8	8.6
ENE	1.4	2.1	2.1	1.4	.1							7.0	7.1
E	1.3	1.4	1.1	.7								4.4	6.3
ESE	.5	.5	.4	.7	.1							2.2	8.2
SE	.4	.3	.3	.3	.1							1.5	7.7
SSE	.2	.4	.9	1.1	.1	.0	.0					2.8	9.8
S	.6	.7	2.0	2.1	.4	.1						5.9	10.1
SSW	.7	.9	1.6	1.9	.3							5.3	9.4
SW	1.5	2.2	2.9	2.3	.3							9.1	8.1
WSW	1.2	2.1	3.2	4.5	1.8	.6						13.3	11.0
W	1.6	1.4	2.0	1.7	.4	.2	.1					7.4	8.8
WNW	.5	.8	1.4	.9	.2	.0						3.9	8.6
NW	.3	1.2	1.8	.8	.1							4.2	8.1
NNW	.3	1.2	1.6	.8	.0	.1						4.0	8.4
VARBL													
CALM												8.3	
	12.6	19.0	30.0	24.4	4.6	1.0	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 5607

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.9	1.3	.2							4.9	8.6
NNE	.8	2.1	2.1	2.5								7.4	8.1
NE	1.3	2.2	4.3	2.4	.2							10.3	7.9
ENE	2.1	2.1	2.7	.3	.2							7.3	6.1
E	.9	1.3	.6									2.8	4.7
ESE	.5	.3	.3									1.1	4.9
SE	.2	.2										.3	4.0
SSE			.8	.6								1.4	9.8
S	.8	.9	1.3	1.1	.2							4.3	8.4
SSW	.6	1.6	2.8	2.2	1.1							8.4	9.9
SW	.9	4.4	4.3	2.2	.9	.2						13.0	8.6
WSW	.8	2.1	2.7	1.9	1.4	.5						9.3	10.6
W	1.4	2.5	2.7	1.1	.2							7.9	7.0
WNW	.6	1.3	1.1	.3								3.3	6.0
NW	.6	.8	1.7	.2								3.3	6.9
NNW	.3	.9	1.3	.6	.2							3.3	8.1
VARBL													
CALM												11.6	
	12.3	23.7	30.5	16.8	4.4	.6						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.6	1.0	1.3								4.5	7.2
NNE	1.0	2.2	1.6	1.9								6.7	7.8
NE	1.3	3.9	3.9	2.6								11.8	7.7
ENE	1.6	3.5	1.8	1.2								8.0	6.1
E	.4	1.3	1.8	.1								3.6	6.4
ESE	.3	.4	.1	.1								1.0	6.1
SE	.1	.6										.7	4.8
SSE			.1	.1								.3	11.5
S	.9	1.5	1.2	1.2	.4							5.1	8.3
SSW	.4	1.3	2.5	1.9	.9							7.0	10.0
SW	1.2	2.9	2.9	3.2	.7							10.9	8.8
WSW	1.0	2.0	2.8	2.6	1.2							9.6	9.5
W	2.6	1.5	1.3	2.0	.1							7.6	6.9
WNW	.4	.6	1.0	1.0								3.1	8.5
NW	.7	.9	1.6	.4	.1							3.8	7.5
NNW	.4	.7	.7	1.0								2.9	8.3
VARBL													
CALM												13.1	
	14.2	23.9	24.4	20.9	3.5							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 685

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63, 70-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	2.0	2.2	.5	.1						7.3	9.8
NNE	1.0	1.7	1.8	2.2								6.8	8.4
NE	1.0	1.6	3.7	4.0	.1							10.4	9.2
ENE	1.4	2.9	3.4	1.2								8.9	7.2
E	.5	1.8	1.0	.5								3.9	6.4
ESE	.5	.8	.3									1.6	4.9
SE	.3	.4	.4	.1								1.2	6.3
SSE	.3		.5	.1								.9	7.1
S	.3	1.4	2.0	.9	.7		.1					5.3	9.5
SSW	.9	1.0	1.6	1.7	.4							5.6	9.1
SW	1.7	1.7	4.3	2.1	.5	.1						10.4	8.8
WSW	2.2	1.8	3.3	3.5	1.3		.1					12.3	9.4
W	1.6	1.6	2.0	.9	.1							6.1	6.9
WNW	.3	1.2	1.8	1.2	.1							4.6	8.5
NW	.5	.5	1.3	1.0	.4							3.8	9.1
NNW		.7	.9	1.2	.3							3.0	9.9
VARBL													
CALM												8.0	
	13.6	20.5	30.1	22.9	4.4	.3	.3					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	1.6	3.2	.8							6.1	11.9
NNE	.5	1.2	2.2	3.2	.6							7.9	10.3
NE	.9	.9	2.7	6.2	.5							11.3	10.9
ENE	.6	1.8	2.5	3.2	.6							8.8	9.6
E	1.9	2.2	2.7	1.2	.1							8.2	7.0
ESE	.4	.9	.8	.4								2.5	6.6
SE	.1	.3	.5	.5	.3							1.9	9.9
SSE	.4	.6	.3	.6								1.9	7.2
S	.5	.6	1.4	2.3	.6							5.7	11.3
SSW	.8	.1	1.8	1.4	.1	.1						4.4	9.6
SW	.4	.8	1.7	2.3	.9	.1						6.2	11.4
WSW	.5	1.0	2.6	4.6	1.8	.1						10.9	12.1
W	.6	1.3	1.8	1.9	1.2	.1	.1					7.1	11.0
WNW	.1	.6	1.4	1.7	.4		.1					4.4	11.2
NW	.3	.9	1.4	2.3	.6		.1					5.7	11.5
NNW		.3	2.1	3.5								5.8	10.8
VARBL													
CALM												1.2	
	8.5	14.0	27.5	39.0	8.9	.5	.4					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 772

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63, 70-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.2	2.1	4.1	.4							8.6	10.1
NNE	.3	1.3	2.6	4.2	.8							9.2	11.2
NE	.1	1.2	2.6	4.3	.9							9.2	11.4
ENE	.8	1.7	2.4	3.3	.8	.1						9.1	10.3
E	.8	1.3	1.3	.7	.1							4.2	7.3
ESE	1.1	.3	1.4	.7								3.4	6.9
SE	.3	.4	.7	1.1								2.4	9.0
SSE	.4	.3	.3	.9								1.8	8.9
S	.1	.8	.9	2.1	.5							4.5	11.0
SSW	.3	1.1	1.8	2.2	.7							6.1	10.5
SW		.5	1.7	2.6	.4	.1						5.4	12.0
WSW	.1	.1	2.4	5.0	3.3	.8	.1					11.9	14.6
W	.3	1.1	2.1	2.5	.9	.3						7.1	11.3
WNW	.3	.4	2.0	1.1								3.7	9.1
NW		.8	1.6	3.4	.8	.1	.3					7.0	12.4
NNW	.1	.5	2.0	2.2	.3							5.1	10.5
VARBL													
CALM												1.3	
	5.7	12.9	27.9	40.4	9.9	1.4	.4					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	4.0	2.3	.3							7.7	9.6
NNE	.7	1.6	3.4	4.4	.8							10.9	10.3
NE	.4	1.1	2.6	4.0	.9							9.0	11.5
ENE	.5	1.1	2.3	2.7	.8							7.4	10.7
E	1.1	1.3	2.6	.4								5.4	6.7
ESE	.1	.4	.4	.4								1.3	8.0
SE	.3	.1	.5	.3								1.2	7.3
SSE	.1	.5	.5	.1								1.3	6.7
S	.5	1.1	2.2	1.6	.8							6.2	9.8
SSW	.3	.3	2.4	3.2	.5							6.7	11.2
SW		.3	2.8	3.2	.5	.4						7.3	12.1
WSW	.4		2.0	3.4	2.6	1.2						9.6	14.9
W	.4	.1	2.7	2.6	1.3	.1						7.3	11.7
WNW	.4	.1	2.2	1.6	.7	.1						5.1	11.3
NW	.5	.7	2.0	1.8	1.3							6.3	11.0
NNW	.1	.8	1.8	3.1	.3							6.1	10.7
VARBL													
CALM												1.1	
	6.1	10.5	34.4	35.2	10.9	1.9						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 742

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	2.4	1.4								6.9	7.2
NNE	.8	1.4	2.9	1.8	.6							7.5	9.4
NE	.6	2.0	3.5	4.3	.8							11.2	9.9
ENE	.6	2.4	1.4	1.8								6.3	7.7
E	.6	1.8	2.0	.2								4.7	6.1
ESE	.4	.2	.4	.2								1.2	6.3
SE	.8		.4									1.0	5.4
SSE	1.0		.4	.2								1.6	5.5
S	1.2	1.6	3.7	1.8	.2							8.6	8.3
SSW	.8	3.3	2.6	1.6	1.4							9.8	9.0
SW	.4	1.4	2.2	2.0	1.2							7.3	10.4
WSW	.4	.8	4.3	4.5	1.8	.2						12.0	11.5
W	.2	.6	2.0	1.0	.4							4.3	9.7
WNW	.4	1.0	1.8	.6	.2							4.1	7.9
NW	.4	.4	1.4	2.4								4.7	10.5
NNW	.4	.6	1.2	1.2								3.5	8.3
VARBL													
CALM												5.3	
	10.2	19.6	32.8	25.3	6.7	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 491

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70,74-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	2.0	.2	.2							5.6	6.5
NNE	1.8	1.8	.7	.7								5.0	5.6
NE	1.4	1.8	4.3	2.9								10.4	8.4
ENE	1.4	2.5	2.7	1.1								7.7	6.9
E	1.6	.2	1.6	.2								3.6	5.9
ESE	.2	.7	.2									1.1	4.6
SE	1.1											1.1	2.4
SSE	.9	.5	1.1									2.5	5.2
S	.5	.9	2.3	1.8								5.4	8.5
SSW	.5	3.8	2.3	1.4	1.4	.2						9.5	9.3
SW	1.1	4.1	4.3	3.4	.5							13.3	8.0
WSW	1.1	3.6	3.8	2.3	.5							11.3	8.0
W	.9	1.1	2.0	1.1								5.2	7.5
WNW	.5	.7	1.1	.7								2.9	7.8
NW	.2	1.4	.7	.2	.2							2.7	7.3
NNW	.7	.2	.9	.2								2.0	6.2
VARBL													
CALM												10.6	
	14.7	25.5	30.0	16.3	2.7	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 443

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.1	2.1	2.2	.3	.0						6.5	9.3
NNE	.8	1.6	2.2	2.8	.4							7.9	9.4
NE	.9	1.8	3.4	4.0	.5							10.4	9.7
ENE	1.1	2.2	2.4	1.9	.3	.0						8.1	8.3
E	1.0	1.5	1.7	.5	.0							4.7	6.5
ESE	.5	.5	.5	.2								1.7	6.3
SE	.3	.3	.3	.3	.0							1.3	7.4
SSE	.3	.2	.5	.4								1.4	7.4
S	.6	1.1	1.8	1.6	.5		.0					5.5	9.5
SSW	.6	1.3	2.2	2.0	.7	.0						6.9	9.9
SW	.7	1.9	3.0	2.6	.7	.1						9.0	9.7
WSW	.8	1.3	2.9	3.6	1.8	.4	.0					10.8	11.5
W	1.0	1.2	2.1	1.7	.6	.1	.0					6.7	9.2
WNW	.4	.7	1.6	1.1	.2	.0	.0					4.0	9.2
NW	.4	.8	1.5	1.5	.5	.0	.1					4.8	10.3
NNW	.2	.6	1.4	1.8	.1							4.1	9.8
VARBL													
CALM												6.1	
	10.4	18.2	29.6	28.2	6.7	.7	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 5291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.8	.3								5.7	6.7
NNE	2.1	2.4	3.0	.6								8.1	6.1
NE	2.1	1.9	3.4	.4								7.9	6.2
ENE	1.2	1.8	1.6	.9								5.5	6.8
E	.6	.9	.4	.6								2.5	6.6
ESE	.3	.4										.7	4.0
SE	.1	.7	.3									1.2	6.0
SSE	.6	.4	.6	.7								2.4	7.5
S	1.6	1.5	1.6	1.3								6.1	7.1
SSW	1.0	1.3	3.7	1.3		.1						7.6	7.8
SW	2.4	4.5	4.6	2.5								14.1	7.2
WSW	2.4	3.7	4.3	1.8	.1	.1	.1					12.7	7.4
W	1.9	1.6	1.3	.6								5.5	5.8
WNW	.6	.7	.1	.1								1.6	4.7
NW	.6	.9										1.5	4.3
NNW	.1	.4	.9	.4								1.9	7.8
VARBL													
CALM												14.8	
	18.7	25.1	29.0	11.8	.1	.3	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 669

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	2.6	1.1								5.2	7.8
NNE	1.9	1.9	2.2	.8								6.9	6.2
NE	1.5	2.6	3.5	.7								8.3	6.5
ENE	2.6	1.1	1.5	.6	.1							5.9	5.5
E	1.5	1.0	.4	.7								3.6	5.7
ESE	.6	.3	.1									1.0	3.9
SE	.7	.4	.1									1.2	4.0
SSE	.4	.3	.6	.4								1.7	6.9
S	1.1	1.5	2.3	.8								5.8	6.9
SSW	.8	1.9	3.3	1.4		.1						7.6	7.8
SW	2.5	3.6	4.3	1.4		.1						11.9	7.0
WSW	2.8	3.7	1.8	1.8	.1							10.2	6.5
W	2.8	1.4	1.5	1.0	.1							6.8	5.8
WNW	.4	.1		.3								.8	6.3
NW	1.2	1.0	.3									2.5	4.1
NNW	.3	.8	1.5	.3								2.9	7.0
VARBL													
CALM												17.7	
	21.8	22.5	26.1	11.2	.4	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 724

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	3.2	2.2	.3							8.1	8.4
NNE	.4	.8	3.2	1.9	.6							6.8	9.7
NE	1.0	2.3	3.7	1.4								8.4	7.6
ENE	1.3	2.0	2.4	.8								6.5	6.6
E	2.2	1.4	.4	.6	.3							4.8	5.6
ESE	.9	.4	.4	.1								1.8	5.1
SE	.3	.1	.5	.3								1.1	6.9
SSE	.4	.4	.3	.3								1.3	6.5
S	.8	1.8	2.3	1.0								5.8	7.5
SSW	.8	1.4	4.3	2.8	.3							9.5	8.9
SW	1.4	2.9	4.7	3.0	.4	.1						12.5	8.5
WSW	2.5	2.9	4.1	3.5	.4							13.4	8.1
W	1.4	2.3	1.8	1.9								7.3	7.4
WNW	.9	.1	.6	.4	.1							2.2	7.0
NW	.3	1.3	.5	.8								2.8	7.4
NNW	.5	1.0	1.1	.6								3.3	7.0
VARBL													
CALM												4.4	
	15.9	22.4	33.3	21.5	2.3	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 790

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63, 70-76 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	4.0	2.4	.1							7.7	9.7
NNE	.4	1.6	3.3	2.8	.8	.4						9.2	10.4
NE	.5	1.5	3.2	2.8	.1							8.1	9.2
ENE	.6	1.4	2.3	.8	.3	.1						5.4	8.5
E	.9	.9	1.1	1.4	.1	.1						4.5	8.8
ESE		.3	.6	.9								1.8	10.3
SE	.3	.6	.6	.8	.1							2.4	9.3
SSE	.1	.5	.5	.4	.3							1.8	9.4
S	.3	.4	1.6	2.1	.3	.1						4.8	10.7
SSW	.4	.3	2.7	5.2	.6	.3						9.3	11.9
SW	.6	1.1	3.7	3.4	.4	.5						9.7	10.3
WSW	.8	1.3	4.7	6.1	1.0	.3						14.0	11.0
W	.5	1.6	2.7	3.2	.5							8.5	9.9
WNW	.1	.6	1.4	1.8	.3							4.2	10.3
NW		.5	2.3	1.6	.1							4.5	9.9
NNW	.1	.9	1.6	.6								3.3	8.3
VARBL													
CALM												.8	
	5.8	14.4	36.2	36.1	4.9	1.8						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 792

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	2.4	1.7	.4							6.5	9.0
NNE	.1	.3	3.2	1.8	.8	.4						6.5	11.6
NE	.3	.6	3.2	2.4	.4		.1					7.0	10.4
ENE	1.2	.9	2.7	1.2	.4							6.3	8.2
E	.3	1.8	.9	1.7	.4	.1						5.1	9.5
ESE	.1	.4	.5	.8	.1							1.9	9.9
SE	.1		.4	1.3	.4							2.2	12.1
SSE	.1	.5	.9	1.2	.4							3.1	11.1
S	.1	.3	1.3	2.9	.9	.3						5.8	12.9
SSW	.1	.6	2.7	5.2	.6							9.3	11.5
SW	.6	.5	2.7	4.1	.9	.4	.1					9.3	11.9
WSW		1.2	3.2	5.1	2.2	.3						11.9	12.2
W	.8	1.2	3.3	3.2	1.4	.4						10.2	11.5
WNW	.3	.9	1.4	1.8	.5	.1						5.0	10.6
NW	.6	.3	1.7	2.2								4.7	9.5
NNW	.1	.8	1.9	1.4								4.2	9.2
VARBL													
CALM												.8	
	5.6	11.4	32.4	37.9	9.7	1.9	.3					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 781

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	3.3	1.9	.6	.1						8.2	9.6
NNE	.1	.9	1.7	2.0	.9							5.6	11.1
NE	.6	1.0	3.4	.9	.9	.1						7.0	10.0
ENE	1.0	1.8	3.4	.8								7.0	7.1
E	.8	1.0	2.3	1.5	.6							6.2	9.3
ESE		.1	.5	.5								1.1	10.3
SE	.1		.6	.5	.1							1.4	10.4
SSE	.3	.5	1.1	2.2	.1							4.2	10.2
S		.8	1.8	4.5	.8	.5						8.3	12.4
SSW	.3	.6	2.2	4.1	.4							7.5	11.0
SW	.1	.9	2.0	2.8	.8	.4						7.0	12.0
WSW	.4	.8	4.2	7.3	1.7	.6						15.0	12.7
W	.3	.5	2.8	3.6	1.3	.8						9.2	12.7
WNW	.4	.5	1.3	1.5		.3						3.9	10.4
NW	.3	.6	1.4	1.8								4.1	9.5
NNW	.3	.6	1.4	1.3								3.6	9.0
VARBL													
CALM												.6	
	5.2	12.5	33.5	37.1	8.2	2.9						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63, 70-76	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	3.3	.7	.2							7.7	6.9
NNE	.5	1.5	2.0	.5								4.6	7.3
NE	.7	2.9	3.8	.9								8.4	7.3
ENE	.4	1.6	.9	.9	.2							4.0	8.0
E	1.3	1.8	.5	1.3								4.9	6.5
ESE		.9	.4	.4								1.6	7.2
SE	.7	.4	1.1	.2	.2							2.6	7.6
SSE	.5	.2	.9	.4	.2							2.2	8.3
S	.2	1.1	3.1	1.3	.5							6.2	9.6
SSW	1.3	1.3	4.0	2.6	.4							9.5	8.7
SW	.9	2.0	2.6	1.3	.4	.2						7.3	8.5
WSW		2.2	5.5	8.8	2.0	.4						18.8	11.6
W	1.1	1.5	3.5	2.4	.2							8.6	8.8
WNW	.7	1.3	.9	1.6	.2							4.7	8.6
NW	.5	1.1	1.6	.4								3.6	7.3
NNW	.4	.9	1.5	.5								3.3	7.4
VARBL													
CALM												2.0	
	10.6	22.8	35.6	24.1	4.4	.5						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 548

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70,72,74-76	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	2.1									6.8	5.3
NNE	1.9	2.7	2.3	.4								7.2	5.8
NE	1.4	3.5	2.9	.4								8.2	6.1
ENE	.6	1.6	1.0	.4								3.7	6.2
E	2.1	.6	1.0	.8								4.5	5.5
ESE	.4	.2	.2									.8	4.5
SE	.2	.2	.2	.2	.4							1.2	11.2
SSE		.8	.6	.6	.2							2.3	10.2
S	1.0	1.6	2.7	.8	.4							6.6	7.7
SSW	2.7	2.9	2.9	.8								9.3	6.0
SW	2.9	4.5	3.7	1.6	.2							13.0	6.6
WSW	1.0	2.3	7.0	4.3								14.6	8.7
W	1.9	2.1	1.4	1.0								6.4	6.0
WNW	1.9	.2	.4	.2								2.7	4.3
NW	.6	.8	.6									2.1	4.8
NNW	.6	.8	.2									1.6	4.3
VARBL													
CALM												9.1	
	20.6	28.2	29.2	11.7	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	3.0	1.4	.2	.0						7.0	8.2
NNE	.9	1.4	2.6	1.5	.4	.1						6.9	8.8
NE	1.0	1.9	3.4	1.3	.2	.0	.0					7.9	8.0
ENE	1.1	1.5	2.1	.8	.1	.0						5.7	7.2
E	1.1	1.2	.9	1.1	.2	.0						4.6	7.5
ESE	.3	.4	.4	.4	.0							1.4	7.6
SE	.3	.3	.5	.4	.1							1.7	8.8
SSE	.3	.4	.7	.6	.1							2.4	9.2
S	.6	1.1	2.0	2.0	.4	.1						6.2	9.6
SSW	.8	1.2	3.2	3.1	.3	.1						8.7	9.5
SW	1.3	2.4	3.5	2.6	.4	.2	.0					10.5	8.8
WSW	1.3	2.2	4.2	4.8	1.0	.2	.0					13.7	10.0
W	1.3	1.5	2.3	2.2	.5	.2						7.9	9.1
WNW	.6	.6	.8	1.0	.1	.1						3.2	8.9
NW	.5	.8	1.1	.9	.0							3.3	8.0
NNW	.3	.8	1.3	.7								3.1	7.9
VARBL													
CALM												6.0	
	12.5	19.2	32.0	25.0	4.1	1.1	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 5575

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63, 70-76 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.7	1.4	.3								4.0	5.8
NNE	2.1	2.0	.3	.1								4.5	4.2
NE	1.7	2.0	4.9	1.0								9.6	7.0
ENE	1.7	2.1	2.4	1.4								7.6	6.7
E	1.7	.3	.4									2.4	3.5
ESE	.4	.6										1.0	4.1
SE	.3	.1										.4	3.7
SSE	.3	.3		.1								.7	6.2
S	1.3	1.3	.7	.3								3.5	5.5
SSW	2.0	4.2	2.7	1.4								10.3	6.3
SW	4.2	5.2	4.1	1.4								15.0	6.0
WSW	3.1	3.8	4.5	.8								12.3	6.0
W	2.7	2.3	1.1	1.1								7.2	5.9
WNW	1.1	.3	.3									1.7	4.0
NW	1.0	1.6	.6									3.1	4.7
NNW	1.0	.4	.7	.1								2.3	5.3
VARBL													
CALM												14.4	
	26.1	27.1	24.2	8.2								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 708

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7	1.6	.4								4.0	6.2
NNE	1.5	.7	.9	.4								3.4	5.7
NE	1.2	1.9	5.0	2.5								10.6	8.1
ENE	2.6	.9	1.5	.5								5.6	5.4
E	2.1	1.2	.1									3.4	3.3
ESE	.4			.4								.8	7.3
SE	.7	.1										.8	2.7
SSE	.3	.5										.8	4.3
S	1.1	.8	.8									2.6	4.8
SSW	2.1	3.0	2.5	.3								7.9	5.6
SW	2.8	4.6	3.0	.5								11.0	5.5
WSW	3.8	5.4	3.6	1.3	.1							14.3	6.0
W	4.1	1.6	2.4	1.5								9.5	5.9
WNW	.7	.5										1.2	3.6
NW	.7	1.2	.5	.3								2.6	5.7
NNW	.3		.4	.4								1.1	8.3
VARBL													
CALM												20.3	
	25.6	23.2	22.4	8.5	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 755

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15938 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	1.9	.6								3.5	7.8
NNE	.4	1.2	1.4	.5	.1							3.6	7.4
NE	1.2	2.6	2.6	2.8								9.2	8.0
ENE	2.1	2.7	3.0	2.7								10.5	7.4
E	3.2	2.1	.1	.4								5.8	4.1
ESE	1.2		.4									1.6	3.6
SE	.4	.3										.6	3.2
SSE	.3	.1										.4	2.7
S	.6	.9	2.1	.8								4.4	7.6
SSW	1.6	1.6	3.2	.8								7.1	7.0
SW	1.7	3.2	4.5	1.8	.1							11.4	7.5
WSW	2.5	2.5	4.7	2.5	.1							12.2	7.5
W	2.8	2.2	4.0	3.0	.3	.1						12.4	7.8
WNW	.4	.5	.8	1.0	.1							2.8	9.4
NW	.4	1.2	1.7	.3								3.5	7.0
NNW	.4	.9	1.9	.8								4.0	8.0
VARBL													
CALM												7.0	
	19.5	22.3	32.3	18.0	.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 773

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	2.5	.4								4.0	7.6
NNE	.5	1.0	1.3	2.1								4.9	9.2
NE	.3	.9	4.4	2.7								8.3	9.2
ENE	.4	2.1	4.0	3.0	.1							9.6	9.1
E	1.6	2.9	1.8	.9	.1							7.3	6.4
ESE	.4	1.2	.4									1.9	4.7
SE	.4	.4	.8	.4								1.9	7.2
SSE	.8	.4	.5	.3								1.8	5.8
S	.6	.6	1.7	1.3	.1							4.4	8.9
SSW	1.3	1.2	3.8	3.1								9.4	8.8
SW	.5	1.8	4.8	3.8								10.9	9.1
WSW	.6	1.6	2.7	4.4	.4	.4						10.1	10.6
W	1.2	1.8	3.4	4.5	.4							11.3	9.7
WNW	.3	.9	1.7	1.8								4.7	9.4
NW	.6	.6	2.9	.5								4.7	7.6
NNW	.4	.9	1.6	.9								3.8	7.9
VARBL													
CALM												.9	
	10.1	19.1	38.2	30.1	1.2	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 770

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	2.0	.7								3.5	8.3
NNE	.1	.4	1.0	1.7								3.3	10.1
NE	.5	1.2	2.9	3.3	.1							8.0	9.5
ENE	.5	1.6	3.7	3.5	.7							9.9	9.8
E	.8	1.4	3.4	1.4								7.0	8.0
ESE	.1	.9	.5									1.6	6.0
SE	.3	.1	.7	.4								1.4	8.4
SSE	.3	.4	1.0	.4								2.1	7.8
S	.5	1.4	1.6	2.5	.3							6.3	9.5
SSW	.4	1.2	3.0	3.8	.3							8.6	10.3
SW	.1	1.4	2.7	4.6								8.9	10.1
WSW	.3	1.0	4.3	6.5	.9	.1						13.2	11.4
W	.8	2.1	3.0	4.2	1.4	.1	.1					11.7	10.9
WNW	.4	2.0	2.1	1.3	.3							6.0	8.5
NW	.3	1.6	1.7	1.7	.1							5.4	8.6
NNW	.1	.5	1.4	.4								2.5	8.0
VARBL													
CALM												.7	
	5.7	17.9	35.0	36.3	4.0	.3	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 766

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63, 70-76 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.8	.6	.1							3.6	8.4
NNE	.1	.8	1.5	1.9								4.4	9.6
NE	.3	.8	2.2	3.3								6.6	10.1
ENE	.6	1.5	4.8	2.4	.3							9.7	9.0
E	.9	1.5	3.1	2.2	.1							7.9	8.7
ESE	.1	.8	.3	.3								1.4	7.3
SE	.3	.9	.4	.1								1.7	5.6
SSE	.4	.5	1.2									2.1	6.4
S	.5	.8	2.1	1.3	.1							4.8	9.0
SSW	.5	.9	1.5	4.5	.8							8.2	11.0
SW	.1	1.2	1.9	3.5	.1							6.8	10.2
WSW	.3	1.7	4.6	7.6	1.0	.3						15.4	11.4
W	.4	1.7	4.5	4.5	1.4		.3					12.7	11.1
WNW		1.2	1.7	1.9	.8							5.5	10.8
NW	.3	.8	3.0	1.3	.3							5.5	9.3
NNW	.1	.3	1.9	.6								3.0	8.7
VARBL													
CALM												.8	
	5.1	16.0	36.4	36.2	5.0	.3	.3					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 777

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	1.8	.4								4.0	7.1
NNE	.9	1.6	1.3	1.1								4.9	7.4
NE	.5	2.2	3.1	1.1	.2							7.1	8.0
ENE	1.6	3.8	3.8	2.7								11.9	7.5
E	1.6	1.6	2.2	1.6								7.1	7.2
ESE	.2	.4	.5									1.1	6.2
SE	.2	.7										.9	4.0
SSE	.2	.7	.5									1.4	6.0
S	.5	1.3	2.2	2.0								6.0	9.0
SSW	.5	1.1	2.2	2.4	.2							6.3	9.5
SW	.9	2.2	1.8	.9	.2							6.0	7.0
WSW	.4	2.9	6.5	7.1	.5							17.4	10.0
W	1.1	1.6	5.1	2.9	.5							11.2	9.0
WNW	.4	.5	2.0	1.4								4.3	9.3
NW	.2	1.1	1.8	1.6								4.7	8.9
NNW	.4	2.2	1.3	.2								4.0	6.2
VARBL													
CALM												1.8	
	9.8	25.5	36.0	25.3	1.6							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 553

USAFETAC FORM JUL 64 0-8-4 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-72,74-76 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.8	.8									2.5	5.0
NNE	1.5	1.7	.6	.6								4.4	5.5
NE	1.7	2.7	4.4	1.2								10.0	7.1
ENE	1.3	3.6	4.6	1.3								10.9	7.2
E	1.5	1.2	.8	.2								3.6	4.7
ESE		.2										.2	4.0
SE	.8	.4	.2									1.3	4.0
SSE	.8	.6										1.3	3.3
S	1.2	3.1	1.3	.4								6.0	5.7
SSW	1.7	2.3	2.7	1.0								7.7	6.7
SW	1.7	6.3	2.7	.4								11.1	5.7
WSW	2.5	5.4	5.0	.8								13.6	6.3
W	1.9	2.7	2.5	.4								7.5	5.7
WNW	1.2	1.0	.6									2.7	4.4
NW		1.7	.8	.4								2.9	6.8
NNW	.2	1.2	1.0									2.3	5.8
VARBL													
CALM												11.9	
	19.0	34.7	27.8	6.5								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 521

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	1.8	.4	.0							3.7	7.2
NNE	.9	1.1	1.1	1.1	.0							4.1	7.5
NE	.9	1.7	3.7	2.3	.0							8.6	8.4
ENE	1.4	2.2	3.4	2.2	.1							9.3	8.0
E	1.7	1.5	1.5	.9	.0							5.6	6.4
ESE	.4	.5	.3	.1								1.2	5.4
SE	.4	.4	.3	.1								1.2	5.6
SSE	.4	.4	.4	.1								1.3	5.9
S	.8	1.2	1.5	1.1	.1							4.7	7.9
SSW	1.3	1.9	2.7	2.2	.2							8.3	8.2
SW	1.5	3.1	3.3	2.2	.1							10.2	7.5
WSW	1.7	2.9	4.4	3.9	.4	.1						13.4	8.8
W	1.9	2.0	3.2	2.9	.5	.0	.1					10.6	8.7
WNW	.5	.9	1.1	1.0	.2							3.7	8.6
NW	.4	1.2	1.7	.7	.1							4.1	7.7
NNW	.4	.7	1.3	.5								2.8	7.4
VARBL													
CALM												7.1	
	15.0	22.6	31.6	21.8	1.7	.1	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 5623

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	1.1									3.4	5.5
NNE	2.1	.8	.3									3.2	3.4
NE	2.1	2.1	2.4	.7								7.3	6.2
ENE	1.0	2.1	1.3	.1								4.5	5.4
E	1.8	.6										2.4	3.2
ESE	.1	.6	.1									.8	4.7
SE	.3	.1										.4	2.7
SSE	1.0	.3	.3	.1								1.7	4.7
S	.8	1.8	1.4	.8								4.9	6.9
SSW	3.1	3.0	2.1	2.0								10.1	6.4
SW	5.1	5.2	4.1	2.7								17.0	6.1
WSW	2.7	4.4	3.8	2.5								13.4	6.9
W	3.9	2.5	3.1	.4	.4							10.4	5.8
WNW	1.1	.8	.8	.3								3.1	5.8
NW	.6	1.4	.3									2.3	4.6
NNW	.8	.7	.7	.1								2.4	5.5
VARBL													
CALM												12.5	
	27.5	27.9	21.8	9.9	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 710

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	1.2	.3								3.4	5.7
NNE	.9	.8	.9	.6								3.2	6.4
NE	1.9	2.3	1.9	.5								6.7	5.5
ENE	1.9	2.2	1.4	.1								5.7	5.0
E	1.9	.6	.1									2.7	2.9
ESE	.5	.3										.8	2.7
SE													
SSE	.5	.4	.1									1.0	3.6
S	1.7	1.6	1.6	.8								5.6	6.1
SSW	2.3	2.1	2.7	2.9								10.0	7.6
SW	4.0	5.7	3.9	1.7								15.3	5.9
WSW	4.4	3.9	3.4	1.0	.1							12.8	5.7
W	3.5	1.6	1.4	.1								6.6	4.4
WNW	.9	.6	.4	.8								2.7	7.1
NW	.9	1.0	.8									2.7	5.2
NNW	1.0	.5	.8									2.3	5.2
VARBL													
CALM												18.3	
	27.8	24.4	20.6	8.8	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 771

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) — 0600-0800 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	2.4	.5								5.6	6.2
NNE	.7	1.4	1.5	.6								4.2	6.6
NE	1.9	1.1	2.4	1.1								6.4	6.8
ENE	2.6	1.2	2.6	.2								6.7	5.6
E	2.2	2.5	.6									5.3	4.2
ESE	.7	.1	.1									1.0	3.4
SE	.6	.2										.9	2.7
SSE	.4	.5										.9	3.7
S	2.0	1.7	1.4	1.5								6.6	7.0
SSW	.9	2.2	2.5	2.7	.4							8.7	8.8
SW	2.7	3.2	3.3	3.0								12.3	7.3
WSW	2.5	4.1	3.0	2.0	.6							12.1	7.3
W	3.1	3.3	2.2	2.7		.1						11.5	7.2
WNW	.9	.5	.9	1.2	.2							3.7	8.9
NW	.5	.2	1.5	1.0								3.2	8.5
NNW	.7	1.1	.6	1.0								3.5	7.4
VARBL													
CALM												7.5	
	23.6	25.0	24.9	17.6	1.2	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 808

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	2.8	.6								5.5	7.2
NNE	.1	.6	1.2	1.1								3.1	8.6
NE	.7	1.0	3.4	.6	.1							5.9	7.6
ENE	.9	2.0	2.1	1.7								6.6	7.7
E	1.7	2.8	1.1	.1								5.8	5.2
ESE	1.0	.5	.5									2.0	4.8
SE	.1	.6	.4	.2								1.4	6.8
SSE	.7	.5	.4									1.6	4.3
S	1.6	1.4	1.7	1.2	.2							6.2	7.5
SSW	.2	1.5	2.8	3.8	.4							8.7	10.5
SW	1.2	1.4	3.3	2.3	.4							8.6	9.0
WSW	1.0	2.7	5.7	5.0	1.1	.1						15.6	10.0
W	.6	2.5	4.2	3.4	1.4							12.1	10.0
WNW	.1	1.8	1.6	2.0	.1	.1						5.8	9.2
NW	.5	.9	2.0	1.0	.2							4.6	9.2
NNW	.4	1.1	2.0	1.1	.1							4.7	8.4
VARBL													
CALM												2.0	
	11.6	22.6	35.2	24.4	4.1	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	2.5	.6								5.3	7.2
NNE	.4	.9	1.2	.6								3.1	7.9
NE	.5	.7	1.1	1.7	.2							4.4	9.5
ENE	.9	1.5	2.7	.9								6.0	7.4
E	.4	1.4	2.1	.5								4.4	7.3
ESE	.4	.6	.7	.2								2.0	7.3
SE	.2	.9	.6	.1								1.9	6.3
SSE	.1	.5	1.0	.4								2.0	7.8
S	.6	1.0	1.6	1.4	.5							5.1	9.0
SSW	.9	.4	2.5	2.5	1.0							7.2	10.2
SW	.1	1.9	3.5	3.7	.7							10.0	10.3
WSW	.2	1.4	4.2	7.3	2.2	.1						15.5	12.0
W	.9	2.4	5.6	5.3	1.5	.2						15.9	10.3
WNW	.1	1.4	2.5	2.0	.6	.1						6.7	10.2
NW	.5	1.0	2.1	1.5								5.1	8.4
NNW	.7	.7	1.0	1.9								4.4	8.5
VARBL													
CALM												1.1	
	8.2	17.5	35.1	30.7	6.8	.5						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 804

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.0	2.2	.7								4.6	7.3
NNE	.1	.6	1.2	.7								2.7	9.0
NE	.0	.9	1.2	1.1	.2							4.1	8.6
ENE	.7	.9	1.9	.9	.1							4.5	7.7
E	.0	.6	2.2	.1	.2							3.9	7.4
ESE	.4	.2	.5	.4								1.5	7.6
SE	.4	.5	.7	.1								1.7	6.4
SSE	.6	.7	.9	.5	.1							2.9	7.4
S	.5	1.0	2.7	2.9								7.1	9.5
SSW	.5	.6	1.2	1.7	1.1							5.2	11.3
SW	.4	.6	2.6	3.1	.7							7.5	11.1
WSW	.4	1.0	3.9	8.7	2.2	.1						16.3	12.3
W	1.4	2.7	5.7	7.6	2.0							19.5	10.4
WNW	.5	1.4	2.4	1.5	.7							6.5	9.6
NW	.5	1.7	2.0	1.4	.4							6.0	8.5
NNW	.0	.7	1.0	1.2								3.6	8.4
VARBL													
CALM												2.4	
	8.9	15.3	32.5	32.8	8.0	.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 802

AD-A078 349 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FAIRFORD RAF, SWINDON, UNITED KINGDOM. REVISED UNIFORM SUMMARY --ETC(U)
MAR 79
UNCLASSIFIED USAFETAC/DS-79/099 NL

2 OF 5
AD A078349



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.3									2.0	6.8
NNE	.7	1.3	.4	.2								2.6	5.1
NE	.9	.7	1.3	.7								3.7	7.0
ENE	.9	.4	.4	.2								1.8	4.9
E	1.7	1.7	1.1									4.4	4.5
ESE	1.1	1.3	.7									3.1	4.9
SE	.2	.2	.4									.7	5.8
SSE	.6	.9	1.1	.2								2.8	6.2
S	.6	1.5	1.5		.2							3.7	6.6
SSW	.7	1.3	3.9	2.0	.2							8.1	8.6
SW	1.3	2.0	3.5	2.0	.2							9.0	8.1
WSW	.4	2.2	5.5	9.9	.6	.2						18.8	11.0
W	1.3	2.9	5.5	4.6	.6							14.9	9.2
WNW	1.5	2.9	2.4	1.8								8.7	7.3
NW	1.3	1.8	2.0	1.8								7.0	7.3
NNW	.7	1.3	2.0	.6								4.6	7.1
VARBL													
CALM												4.1	
	14.0	23.0	33.0	24.1	1.7	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70,73-76	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.8	.2								2.6	5.5
NNE	2.4	2.0	.2									4.5	3.4
NE	.8	.8	.6	.6								2.8	6.3
ENE	1.6	.2	1.0									2.8	4.4
E	2.4	.6	.6									3.5	3.6
ESE	.6											.6	2.3
SE	.6	1.2	.4									2.2	5.0
SSE	.8	.2	.6									1.6	4.6
S	1.4	1.6	1.0	.8								4.7	6.2
SSW	1.2	4.1	3.3	1.2								9.8	6.8
SW	2.6	6.9	3.5	1.2								14.2	6.0
WSW	2.2	5.3	6.9	6.5		.2						21.1	8.5
W	1.4	2.8	.8	.6								5.5	5.5
WNW	1.6	1.8	1.0	.6								4.9	5.6
NW	1.4	1.8	1.2	.2								4.5	5.1
NNW	.6	1.0	1.0									2.6	5.6
VARBL													
CALM												12.2	
	22.0	30.9	22.8	11.8		.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 508

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.9	.4								4.2	6.6
NNE	.9	1.0	.9	.5								3.3	6.4
NE	1.2	1.2	1.9	.9	.1							5.3	7.1
ENE	1.3	1.4	1.8	.6	.0							5.1	6.3
E	1.5	1.4	1.0	.1	.0							4.1	5.1
ESE	.6	.4	.3	.1								1.5	5.3
SE	.3	.5	.3	.1								1.1	5.6
SSE	.6	.5	.5	.2	.0							1.8	5.8
S	1.2	1.4	1.6	1.3	.1							5.6	7.6
SSW	1.2	1.8	2.0	2.4	.4							8.4	8.6
SW	2.1	3.2	3.5	2.6	.3							11.6	7.6
WSW	1.7	3.0	4.4	5.2	.9	.1						15.3	9.4
W	2.0	2.6	3.6	3.2	.8	.1						12.3	8.7
WNW	.8	1.3	1.5	1.3	.2	.0						5.2	8.4
NW	.7	1.2	1.5	.9	.1							4.3	7.6
NNW	.7	.9	1.1	.8	.0							3.5	7.4
VARBL													
CALM												7.3	
	17.7	22.9	28.5	20.5	3.0	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 5759

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	.6	.1								3.1	4.9
NNE	1.9	2.1	.3									4.3	4.0
NE	2.9	2.4	2.6	.3								8.2	5.3
ENE	2.1	2.2	1.9	.3								6.5	5.4
E	2.6	.4	.6									3.6	3.6
ESE	.1			.1								.3	7.0
SE	.1		.1									.3	6.0
SSE	.4	.3		.4		.1						1.3	8.9
S	.6	1.4	1.7	.4	.1							4.2	7.1
SSW	2.2	3.2	2.4	.8	.4							9.0	6.6
SW	4.7	8.1	4.5	1.9								19.2	5.8
WSW	3.1	3.2	3.6	2.8								12.7	6.8
W	2.8	2.2	1.7	.1								6.8	4.9
WNW	1.0	.7	.1	.3	.1							2.2	5.9
NW	1.1	1.0	.3	.3	.1							2.8	5.7
NNW	1.4	1.3	.4	.3								3.3	5.0
VARBL													
CALM												12.2	
	28.4	29.5	20.7	8.2	.8	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 719

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63, 70-76 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.9									2.5	4.6
NNE	2.0	1.2	1.0	.4								4.6	5.1
NE	2.5	2.4	2.1	.3								7.2	5.1
ENE	2.5	2.8	1.7	.7								7.6	5.4
E	2.0	.8	.5	.1								3.4	4.3
ESE	.3	.1	.3									.7	5.2
SE	.1	.3										.4	3.7
SSE	.4	.3	.1									.8	4.0
S	1.3	1.6	.9	.4	.4							4.6	6.7
SSW	2.4	2.4	2.8	1.8		.4						9.7	7.7
SW	3.1	5.8	3.9	2.5								15.4	6.6
WSW	4.2	4.1	2.9	2.4								13.5	6.1
W	3.0	1.8	1.2	.3								6.3	4.5
WNW	1.6	.7	.1	.4	.4							3.1	6.5
NW	.5	.7	.7	.4								2.2	6.7
NNW	.3	.5	.5	.1								1.4	6.0
VARBL													
CALM												16.5	
	27.3	25.6	19.7	9.7	.8	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	.8	.4								2.7	6.3
NNE	.6	.8	1.3	.9								3.6	7.9
NE	1.5	2.0	2.5	.5								6.6	6.1
ENE	3.1	3.4	4.3	.6								11.5	6.0
E	3.8	1.5	1.4	.1								6.9	4.2
ESE	.6	.1										.8	2.5
SE	.9	.1	.1									1.1	3.0
SSE	.1	.4	.5	.1								1.1	7.1
S	.6	.8	1.5	.6	.1							3.7	7.4
SSW	1.4	2.0	3.4	1.5	.1	.2						8.8	8.2
SW	1.3	4.1	4.7	3.6	.5	.1						14.5	8.4
WSW	2.5	3.9	3.6	3.1	.3							13.4	7.5
W	3.4	2.2	3.1	1.0	.1							9.8	6.2
WNW	.8	.9	.6	.5								2.8	6.4
NW	.8	.8	1.1	.5								3.2	6.8
NNW	.4	1.0	1.0	.1								2.5	6.2
VARBL													
CALM												7.1	
	22.5	24.9	30.0	13.9	1.1	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 786

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	1.8	.3								3.4	7.0
NNE	.6	1.4	.8	.9								3.7	7.4
NE	.9	1.1	2.3	1.0								5.3	7.6
ENE	1.0	2.1	4.7	2.0								9.8	7.9
E	1.4	2.1	5.3	1.6								10.5	7.6
ESE	.3	.3	.8	.5								2.3	6.9
SE	.1	.4	.4	.1								1.0	6.6
SSE	.5	.4	.5	1.0								2.4	8.4
S	1.0	.4	1.9	1.1								4.4	7.6
SSW	.5	1.1	2.4	3.3	.4	.5						8.2	10.9
SW	.8	1.4	4.5	4.4	.6	.1						11.9	10.1
WSW	.9	2.4	4.2	4.7	1.4	.4						13.9	10.5
W	.3	1.0	3.7	5.5	.1							10.6	10.6
WNW	.3	.6	1.8	1.9								4.8	8.9
NW	.1	.8	1.6	1.6								4.2	9.1
NNW	.1	.8	1.9	.1								2.9	7.1
VARBL													
CALM												.9	
	10.0	17.2	38.3	30.1	2.5	1.0						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 793

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	1.7	.6								3.8	6.9
NNE	.5	.6	1.3	1.0								3.4	8.7
NE	.5	1.0	2.6	.6	.1							4.8	7.3
ENE	.4	.8	4.6	2.4								8.2	8.9
E	.3	2.2	4.2	1.1								7.8	7.9
ESE	.3	.3	1.5	.8								2.8	9.1
SE	.3	.4	.8	.6								2.0	8.6
SSE	.6		.6	.4								1.7	6.9
S	.3	.8	1.8	2.0	.1							5.0	9.8
SSW	.3	2.0	1.4	5.2	.6							9.6	10.9
SW	.4	1.1	3.6	2.8	.3	.1						8.3	9.9
WSW	.6	1.1	3.7	9.3	1.9	.3						17.0	12.2
W	.5	1.1	4.1	5.2	1.1	.4						12.5	11.4
WNW	.3	.8	1.7	1.7								4.3	9.0
NW		.9	1.9	1.4								4.2	9.3
NNW	.3	.8	2.2	.3								3.4	7.9
VARBL													
CALM												1.1	
	6.1	14.7	37.5	35.6	4.2	.8						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 784

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	1.4	.9								3.8	7.6
NNE	.3	.5	2.2	.9								3.9	8.4
NE	.7	2.2	2.3	.5								5.7	7.0
ENE	.4	1.8	3.5	2.1								7.8	8.6
E	.4	1.4	3.8	1.0								6.7	7.8
ESE	.4	.8	1.2	.4								2.7	7.2
SE	.1	.1	1.0	.3								1.6	8.4
SSE	.1	.4	.9	.7								2.1	8.3
S	.5	.8	.7	2.3	.1							4.4	10.1
SSW	.1	1.3	1.8	3.5	.5							7.3	11.0
SW	.4	.5	2.9	4.0	.4							8.2	10.8
WSW	.7	.7	3.3	8.6	2.3	.3						15.8	12.3
W	.8	1.8	5.7	6.3	2.5	.8						17.9	11.5
WNW	.3	.4	2.0	1.4	.3							4.3	10.2
NW	.7	.5	2.2	.5								3.9	7.3
NNW	.3	.5	1.3	.7								2.7	8.6
VARBL													
CALM												1.0	
	6.7	14.6	36.3	34.2	6.1	1.0						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 766

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.4	.7	.7	.2							2.7	7.9
NNE	.4	2.0	.2	.4								2.8	6.3
NE	1.2	2.5	2.3	.5								6.6	6.1
ENE	.4	2.5	1.4	.7								5.0	6.6
E	.7	.9	1.2	.4								3.2	6.4
ESE	1.1	.9	.5									2.5	5.1
SE	1.1	1.1	.2	.2								2.5	4.6
SSE	.7	.2	.5	.4								1.8	6.1
S	.7	.5	1.2	1.6								4.1	8.7
SSW	1.1	2.0	2.1	3.6	.4							9.1	9.2
SW	1.4	3.6	2.3	2.5	.4							10.1	8.0
WSW	.9	3.6	13.2	6.9	.4	.2						25.1	9.5
W	.7	2.5	4.3	1.8	1.1							10.3	9.3
WNW	.5	.9	1.1	.7								3.2	7.1
NW	.5	.4	2.0	.5								3.4	7.9
NNW	1.2	.7	1.6	.4								3.9	6.0
VARBL													
CALM												3.7	
	13.3	24.4	34.9	21.2	2.3	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 562

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70,72-76 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.3	.7		.2	.2						3.9	6.2
NNE	.6	1.5	.4	.2	.2							2.8	6.4
NE	2.0	3.0	1.8									6.8	4.9
ENE	.6	4.8	2.8									8.1	6.0
E	2.0	1.5	.4									3.9	4.1
ESE	.4	.2										.6	3.0
SE	.2	.4	.2	.2								.9	7.0
SSE	.6			.2								.7	4.8
S	.9	.9	1.1	.6								3.5	6.6
SSW	1.8	3.7	2.6	1.1	.4	.2						9.8	7.2
SW	3.1	7.4	7.2	1.8								19.6	6.5
WSW	1.7	8.1	7.4	2.0								19.2	5.9
W	2.2	2.4	1.8	.4								6.8	5.5
WNW	.6	.7	.4	.4								2.0	6.3
NW	.7	.7	.4									1.8	4.8
NNW	.6	.6	.2	.2								1.5	4.8
VARBL													
CALM												8.1	
	19.4	37.1	27.3	7.0	.7	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 542

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.8	1.1	.4	.0	.0						3.2	6.5
NNE	.9	1.2	1.0	.6	.0							3.7	6.7
NE	1.5	2.0	2.3	.5	.0							6.4	6.1
ENE	1.3	2.5	3.2	1.2								8.2	6.9
E	1.7	1.4	2.3	.6								6.0	6.3
ESE	.5	.3	.6	.2								1.6	6.7
SE	.4	.3	.4	.2								1.2	6.4
SSE	.4	.2	.4	.4		.0						1.5	7.3
S	.7	.9	1.4	1.2	.1							4.3	8.1
SSW	1.2	2.2	2.4	2.7	.4	.2						8.9	9.0
SW	1.8	3.8	4.1	3.1	.3	.1						13.2	7.9
WSW	1.8	3.2	4.8	5.0	.8	.1						15.9	9.2
W	1.7	1.8	3.2	2.7	.6	.2						10.3	9.0
WNW	.7	.7	1.0	.9	.1							3.4	8.0
NW	.5	.7	1.3	.7	.0							3.3	7.6
NNW	.5	.8	1.2	.3								2.7	6.6
VARBL													
CALM												6.3	
	16.6	22.8	30.7	20.6	2.4	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 5714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.8	.7									2.8	4.7
NNE	1.6	1.3	.7	.6								4.1	5.7
NE	1.7	1.7	1.6	.1								5.1	5.3
ENE	3.7	3.0	1.6	.4								8.6	4.9
E	2.5	1.0	1.0	.3								4.8	4.4
ESE	.3	.3	.1									.7	4.4
SE	.8	.6	.3									1.7	4.5
SSE	.1	.3	.6	.1		.3						1.7	10.1
S	1.4	1.7	1.3	2.0	.4	.1						6.9	8.4
SSW	1.1	1.7	3.4	3.0	1.0							10.2	9.7
SW	2.1	3.1	4.0	1.0								10.2	6.5
WSW	2.8	1.6	3.5	.7								8.6	6.0
W	3.7	2.0	1.7	.3	.1							7.8	5.0
WNW	1.0	.6	.3	.6								2.4	6.3
NW	.6	.8	.6	.1	.3							2.4	7.3
NNW	.1	1.0	.3									1.4	5.4
VARBL													
CALM												20.5	
	24.9	21.4	21.8	9.2	1.8	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 707

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.8	.5								2.9	6.1
NNE	1.9	1.3	.9	.1	.3							4.5	5.6
NE	3.6	1.2	1.2									6.0	4.0
ENE	2.9	2.5	1.3	.3								7.0	4.6
E	3.6	1.7	.4	.1								5.8	3.6
ESE	.3	.9										1.2	4.6
SE	.3	.3	.5	.4								1.5	8.3
SSE	.5	.4	.9	.3								2.1	6.8
S	.5	.7	1.5	1.3	.9	.3						5.2	11.3
SSW	.9	2.4	2.4	2.1	.8							8.6	9.0
SW	2.1	3.6	4.5	2.4	.1							12.7	7.2
WSW	1.6	3.7	2.1	.4								7.8	5.8
W	3.6	2.3	.8	.3	.4							7.3	5.1
WNW	.8	.5	.3	.1								1.7	4.8
NW	.8	.4	.7	.1	.3	.1						2.4	8.1
NNW		.4	.1	.3								.8	8.0
VARBL													
CALM												22.4	
	24.5	22.7	18.4	8.8	2.8	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 754

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.6	.8	.9	.1							3.3	7.7
NNE	1.6	1.0	1.1	.1								3.9	5.0
NE	1.9	1.3	1.5	.3								4.9	5.3
ENE	3.0	3.4	1.5	.9								8.8	5.5
E	3.8	2.1	.9	.1								6.9	3.9
ESE	.4	1.0										1.4	4.7
SE	.4	.8	.8									1.9	5.8
SSE	.5	.1	.1	.4								1.1	6.7
S	1.3	.9	1.0	1.5	.5							5.8	8.7
SSW	1.5	1.9	3.0	4.0	1.3	.4						12.1	10.1
SW	2.9	3.3	2.9	2.3								11.3	6.7
WSW	2.1	3.8	3.5	1.0	.1							10.6	6.4
W	3.0	1.6	1.8	.4	.1							6.9	5.4
WNW	.5	.5	.3	.1	.1	.1						1.6	8.1
NW	.4	.4	.8	.5	.1							2.1	9.1
NNW		.1	.5	.4								1.0	10.0
VARBL													
CALM												16.5	
	24.1	22.7	21.0	12.8	2.4	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 796

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	.6	1.5								3.1	9.7
NNE	.5	.2	1.0	.5	.1							2.4	7.9
NE	.9	1.0	1.4	1.0								4.2	7.5
ENE	2.0	3.5	3.0	1.5	.1							10.0	6.9
E	2.2	1.9	3.2	1.2								8.5	6.6
ESE	.6	.5	.9	.1								2.1	6.1
SE	.5	.6	.5	.2								1.9	6.3
SSE	.6	.6	1.2	.1								2.6	6.4
S	1.6	.6	2.0	2.0	.2	.2						6.7	8.9
SSW	.6	1.7	3.7	4.6	.5	.2	.2					11.6	10.9
SW	1.0	1.9	3.2	4.5	1.0	.2	.1					11.9	10.7
WSW	1.2	1.0	2.7	3.2	1.5	.1						9.8	10.7
W	.6	2.1	4.0	3.1	.2							10.0	9.0
WNW	.2	.5	1.7	.7	.9							4.1	10.7
NW		.7	1.0	1.2	.1							3.1	9.6
NNW	.2	.4	1.5	.6								2.7	8.2
VARBL													
CALM												5.3	
	13.1	17.9	31.6	26.1	4.7	.9	.4					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63, 70-76	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	1.9	1.6								4.4	9.1
NNE	.3	.6	.9	.5								2.3	7.9
NE	.8	1.5	2.5	.4								5.1	7.0
ENE	1.4	1.1	2.0	2.3								6.8	8.3
E	2.3	1.4	2.1	2.1	.3							8.1	7.6
ESE	1.3	.4	.6	.3								2.5	4.9
SE	.3	.3	.4	.4								1.3	7.2
SSE	.3	.1	1.1	1.0	.1							2.6	10.0
S	1.0	.9	2.6	2.8	.5	.1						7.9	10.0
SSW	.8	.9	3.9	4.8	1.8	.3	.1					12.4	11.7
SW	.4	1.8	4.0	2.0	.9	.4	.1					9.5	10.4
WSW	.8	1.3	2.4	4.4	2.8	.1	.1					11.8	12.6
W	.9	1.4	4.5	4.8	1.0							12.5	10.2
WNW	.1	.8	1.3	1.4	.1		.1					3.8	10.4
NW	.4	.4	2.6	1.1	.4	.1						5.0	9.9
NNW	.4	.1	1.4	.6								2.5	8.7
VARBL													
CALM												1.5	
	11.7	13.0	34.2	30.3	7.8	1.0	.5					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 798

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.5	.6								4.2	7.4
NNE	.9	.6	.6	.8								2.9	6.7
NE	.9	1.4	1.0	1.1								4.4	7.3
ENE	1.9	1.3	2.9	1.6								7.7	7.5
E	.8	1.4	2.4	2.0								6.6	8.4
ESE	.8	.6	.6	.3								2.3	5.8
SE	.5	.6	.3	.1								1.5	5.4
SSE	.9	.6	.6	.6	.1							2.9	7.1
S	.9	1.0	2.5	2.3	.9	.1						7.7	10.0
SSW	.8	1.8	2.9	3.9	.9	.3						10.5	10.4
SW	1.0	2.4	2.8	2.8	1.6	.3	.3					11.1	10.7
WSW	.3	1.1	4.2	5.7	1.3		.1	.1				12.8	11.6
W	.6	2.3	5.3	4.4	.8							13.5	9.7
WNW		.3	2.3	1.8	.3							4.6	10.5
NW	.1	.8	1.6	.5								3.0	8.2
NNW	.1	.3	1.3	.4								2.0	8.5
VARBL													
CALM												2.3	
	11.4	17.6	32.9	29.0	5.8	.6	.4	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63, 70-76 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.9									2.8	5.0
NNE	.9	1.1	.6									2.6	4.6
NE	1.3	1.1	1.5	.4								4.2	6.0
ENE	1.8	2.0	2.0	.2								6.1	5.7
E	1.3	1.7	1.1	.4								4.4	5.8
ESE	.7	.2			.2							1.1	4.8
SE	.9	.4	.9	.6								2.8	6.9
SSE	.7	1.1	.9			.2						2.9	6.1
S	1.7	2.6	2.0	.9	.4	.4						7.9	7.9
SSW	1.5	2.4	2.2	1.1	.4							7.5	7.3
SW	3.5	3.5	3.1	2.4								12.5	6.7
WSW	1.3	3.5	4.8	2.9	.6							13.0	8.4
W	2.0	4.0	4.6	.6								11.2	6.1
WNW	.6	1.7	1.8	.9	.2							5.1	7.8
NW	.2	1.1	.6	.2								2.0	5.7
NNW	.2	1.3	.2									1.7	5.2
VARBL													
CALM												12.3	
	19.6	28.3	27.2	10.5	1.7	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 545

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-71,73-76	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6									1.8	5.6
NNE	.6	.8		.8								2.2	7.1
NE	2.0	.8	.6	.2								3.6	4.4
ENE	1.0	2.4	2.0	.2								5.5	6.0
E	1.6	.8	.2	.4								3.0	4.4
ESE	.6	.6			.2							1.4	6.0
SE	.2	1.0	.2									1.4	4.9
SSE	.2	1.0	.4	.4	.4	.2						2.6	9.8
S	1.4	2.4	3.9	1.2		.2						9.1	7.3
SSW	2.0	3.4	3.9	2.0	1.0							12.2	8.0
SW	2.0	3.2	3.7	1.4								10.3	6.7
WSW	2.4	4.5	5.5	1.4								13.8	6.7
W	2.6	1.8	1.2									5.5	4.3
WNW	.6	.6	.4	.4								2.0	6.7
NW	.4	.6	.2									1.2	4.2
NNW	.2	1.2	.6	.2								2.2	6.7
VARBL													
CALM												22.5	
	18.1	25.4	23.5	8.5	1.6	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.7	1.0	.7	.0							3.2	7.3
NNE	1.0	.9	.8	.4	.1							3.1	6.2
NE	1.6	1.3	1.4	.5								4.7	5.9
ENE	2.3	2.4	2.1	1.0	.0							7.7	6.2
E	2.3	1.5	1.5	.9	.0							6.3	5.9
ESE	.6	.6	.3	.1	.0							1.6	5.3
SE	.5	.5	.5	.2								1.7	6.2
SSE	.5	.5	.8	.4	.1	.1						2.3	7.8
S	1.2	1.2	2.1	1.8	.5	.2						7.0	9.1
SSW	1.1	1.9	3.2	3.3	1.0	.2	.1					10.7	10.0
SW	1.8	2.8	3.5	2.4	.5	.1	.1					11.2	8.4
WSW	1.5	2.4	3.5	2.5	.8	.0	.0	.0				10.8	8.9
W	2.1	2.1	3.0	1.9	.4							9.5	7.6
WNW	.5	.6	1.1	.8	.2	.0	.0					3.2	8.9
NW	.4	.6	1.1	.5	.2	.0						2.8	8.5
NNW	.2	.5	.8	.3								1.8	7.8
VARBL													
CALM												12.3	
	18.2	20.6	26.6	17.8	3.8	.6	.2	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5706

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	.7	.4								2.3	6.5
NNE	1.2	.5	.1	.7	.1							2.7	6.3
NE	2.0	1.8	1.6	.7								6.1	5.9
ENE	2.7	2.6	2.3	.8								8.4	5.7
E	2.0	1.5	1.3									4.9	4.5
ESE	.4	.3	.7	.1								1.5	6.5
SE	.5	.3	.5	.1	.1							1.6	7.1
SSE	.9	.3	.7	.3	.1							2.3	6.5
S	1.2	2.3	1.8	.7	.1							6.1	6.8
SSW	1.1	1.6	3.8	2.6	.3							9.3	8.7
SW	2.4	2.7	4.2	1.9								11.2	7.1
WSW	2.4	2.8	2.3	.4	1.1							9.0	7.2
W	1.6	1.6	1.5	1.9	.3	.3						7.1	8.3
WNW	.1	.7	.4	.8								2.0	9.1
NW	.4	.3	.8	1.2	.3	.1						3.1	11.0
NNW	.8	.1	.4	.9	.1							2.4	9.0
VARBL													
CALM												20.1	
	20.5	19.9	23.0	13.5	2.6	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.1	.9	.3								2.1	6.1
NNE	1.4	.6	.6	.9								3.6	6.4
NE	.6	.9	2.1	.8								4.4	7.3
ENE	1.2	3.5	3.6	.4								8.6	6.2
E	2.3	2.4	1.3	.1								6.2	4.7
ESE	1.2	.3	1.0	.4								2.8	6.0
SE	.9	.3	.5	.3								1.9	5.6
SSE	.4	1.0	.5	.3								2.2	6.1
S	.4	2.2	2.4	.6	.4	.3						6.3	8.4
SSW	.6	2.3	3.8	1.0	.4	.3						8.5	8.5
SW	1.8	2.1	3.1	2.9	.1							10.0	8.0
WSW	2.1	2.4	2.6	.3	.5	.3						8.1	7.0
W	2.6	1.4	1.9	1.3	.4	.2						7.8	7.3
WNW	.5	.8	.8	.4	.1							2.6	7.1
NW	.5	.1	.5	.9	.4							2.4	10.4
NNW	.5	.1	.4	1.5	.1							2.7	10.9
VARBL													
CALM												20.0	
	17.7	20.5	26.0	12.3	2.4	1.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	1.0	1.0								4.2	7.2
NNE	1.1	.3	.3	1.4								3.0	7.3
NE	1.4	.8	1.4	.6								4.2	6.5
ENE	2.9	2.5	3.5	.5								9.5	5.8
E	2.9	2.6	1.9	.3		.1						7.8	5.3
ESE	.4	.8	.5	.6		.1						2.4	7.9
SE	.9	.1		.3								1.3	4.9
SSE	.3	.5	.6	.1								1.9	6.4
S	1.0	1.9	1.9	1.4	.1							6.3	7.7
SSW	.9	3.2	3.7	2.9	.5	.4						11.5	9.3
SW	2.0	1.8	2.5	2.5	.5	.1						9.5	8.5
WSW	2.8	2.0	2.9	1.5	.1	.1						9.5	6.8
W	2.9	1.3	1.8	1.6	.9							8.4	7.8
WNW	.5	.5	1.1	.6	.1							2.9	8.3
NW	.1		.8	1.0	.4							2.3	11.8
NNW	.5	.1	.4	.6	.3							1.9	9.9
VARBL													
CALM												13.6	
	21.9	19.3	24.3	17.0	2.9	.9						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	1.6	1.0	.1							3.4	9.9
NNE	.4	.9	.9	1.0	.1							3.2	8.7
NE	.4	.6	1.6	1.5								4.1	8.8
ENE	1.7	2.2	2.9	1.6								8.5	6.8
E	3.0	2.6	3.6	1.2	.2							10.7	6.5
ESE	.5	1.2	1.4	.7	.1							4.0	7.7
SE	.7	.6	.4	.4								2.1	6.0
SSE	.4	.2	.6	1.1								2.4	9.3
S	.5	1.1	1.2	2.4	.4							5.6	10.2
SSW	.5	1.4	3.6	3.9	.6	.2	.1					10.4	10.5
SW	1.1	1.9	3.6	3.0	1.7	.1						11.5	10.3
WSW	1.7	1.4	2.0	3.1	.9	.1						9.2	9.3
W	1.0	1.2	1.1	2.7	.7	.4						7.2	10.7
WNW	.5	.5	.6	1.9	.9							4.4	11.4
NW	.2	.4	1.4	1.6	.2							3.9	10.3
NNW	.4	.2	.7	1.5	.4							3.2	11.0
VARBL													
CALM												6.1	
	13.4	17.0	27.3	28.7	6.5	.9	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 801

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.1	1.8	.8							5.3	9.9
NNE	.1	.4	1.3	1.1								2.9	9.7
NE	.6	1.4	1.6	1.8	.1							5.7	8.6
ENE	1.3	1.3	2.1	3.0								7.7	8.8
E	1.5	2.4	3.9	1.1								8.9	7.0
ESE	.4	.6	1.9	.4	.1							3.4	8.1
SE	.3	.1	1.4	.5	.3							2.5	9.5
SSE	.4	.5	.6	1.0	.3							2.8	9.5
S	.4	.8	1.9	2.0	.5	.1						6.3	11.0
SSW	.5	.9	4.0	3.3	.5							9.2	9.8
SW	.4	1.6	2.9	5.4	1.3							11.6	11.2
WSW	.8	1.8	2.6	5.3	1.3	.1						11.8	11.1
W	.5	1.0	2.1	2.9	1.1	.4						8.1	11.4
WNW	.4	.5	.9	1.9	1.0	.1						4.8	11.6
NW			1.0	1.1	.8							2.9	13.2
NNW	.1	.6	.6	1.1	.8							3.3	11.5
VARBL													
CALM												2.9	
	8.1	15.0	30.2	34.4	8.7	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	1.5	1.0	.2							3.9	9.2
NNE	1.1	1.0	1.2	.7	.1							4.2	7.0
NE	.2	1.2	2.4	1.9								5.7	8.9
ENE	1.5	1.9	1.7	2.0	.1							7.2	7.6
E	.3	1.7	4.0	.5	.1							6.9	7.7
ESE	.1	1.2	.1	.9								2.4	8.0
SE	.9	.6	1.0	.6								3.1	6.9
SSE	.7	.4	1.0	.7								2.9	7.6
S	.7	1.6	2.1	1.6	.2	.1						6.5	9.1
SSW	.6	2.1	2.6	2.2	.4	.2						8.2	9.2
SW	1.1	2.0	2.7	3.7	.7							10.3	9.8
WSW	.4	1.6	3.6	5.5	1.1							12.2	11.1
W	.9	1.9	3.5	2.2	.5							9.0	9.0
WNW	.4	.2	1.5	.9		.1						3.1	9.2
NW	.6	.7	1.4	1.4	.5							4.6	9.7
NNW	.5	.4	1.6	1.2	.6							4.4	10.6
VARBL													
CALM												5.4	
	10.6	19.6	32.0	27.2	4.7	.5						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 802

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	.9	.4								2.7	6.9
NNE	1.1	1.1	.7	.2								3.1	5.2
NE	.7	1.8	1.4	1.1	.2							5.2	7.5
ENE	1.4	4.2	2.2	.9								8.7	6.1
E	1.3	.9	.4	.2								2.7	4.7
ESE	.2		.5	.7								1.4	9.3
SE	.5	.4	.9	.4								2.2	6.8
SSE	.9	.7	.2	.2								2.0	5.0
S	1.3	1.4	1.8	1.8		.2						6.5	8.3
SSW	.9	3.1	3.6	1.8	.4							9.8	7.9
SW	1.3	2.7	2.7	2.9	.5							10.1	8.5
WSW	1.1	3.4	2.9	2.2	.5							10.1	8.4
W	1.4	1.8	3.4	.9	.4							8.0	7.5
WNW	1.3	.4	.5	.9								3.1	6.8
NW	1.1	.7	2.0	1.4	.4							5.6	8.6
NNW	.5		1.4	.5	.4							2.9	8.9
VARBL													
CALM												15.9	
	15.2	23.9	25.7	16.5	2.7	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 553

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-71,73-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.4	.8	.2								1.9	6.4
NNE	.6	.6		.4								1.5	6.5
NE	1.4	1.5	1.4	.6								4.8	6.0
ENE	1.2	3.3	1.7	.4								6.6	5.4
E	2.1	1.2	.4									3.7	3.6
ESE		.4	.4	.2								1.0	8.0
SE		.2	.6	.2								1.2	8.3
SSE	.4	.8	.8									1.9	5.6
S	.6	1.4	2.5	.6		.2						5.4	8.2
SSW	1.2	2.5	2.9	2.5	.2							9.3	8.1
SW	1.9	3.3	4.1	2.3	.6							12.2	7.7
WSW	3.5	3.3	3.7	1.5	1.0	.4						13.3	7.9
W	1.7	1.9	1.0	1.0	.4							6.0	6.9
WNW	.8	1.0	1.2	1.2	.2							4.3	8.3
NW		.2	1.9	1.2								3.3	10.0
NNW		.6	.6	1.0	.2							2.3	10.3
VARBL													
CALM												21.3	
	15.9	22.4	24.0	13.3	2.5	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 517

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15035 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.1	.8	.2							3.3	8.3
NNE	.9	.7	.7	.8	.1							3.1	7.3
NE	.9	1.2	1.7	1.1	.0							5.0	7.5
ENE	1.8	2.6	2.6	1.3	.0							8.2	6.6
E	2.0	2.0	2.3	.5	.1	.0						6.8	5.9
ESE	.4	.6	.8	.5	.0	.0						2.5	7.6
SE	.6	.3	.7	.3	.1							2.0	6.9
SSE	.6	.5	.7	.5	.1							2.3	7.3
S	.7	1.6	1.9	1.5	.2	.1						6.1	8.8
SSW	.8	2.1	3.5	2.6	.4	.2	.0					9.5	9.1
SW	1.5	2.2	3.2	3.1	.7	.0						10.8	9.0
WSW	1.8	2.2	2.8	2.6	.8	.1						10.3	8.8
W	1.6	1.5	2.0	1.9	.6	.2						7.8	8.8
WNW	.5	.6	.9	1.1	.3	.0						3.4	9.5
NW	.4	.3	1.2	1.2	.4	.0						3.4	10.5
NNW	.4	.3	.8	1.1	.4							2.9	10.4
VARBL													
CALM												12.6	
	15.3	19.4	26.8	21.0	4.3	.7	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	1.2	2.7								5.3	9.5
NNE	.5	.5	.4	.3	.1							1.9	7.1
NE	1.9	1.6	1.6	.3	.3							5.7	6.0
ENE	1.4	1.6	1.9	.3								5.2	6.1
E	1.4	1.0	.8	.7								3.8	6.2
ESE	.4	.3	1.0	.1								1.8	6.8
SE	.4	.1	.5	.1	.1							1.4	7.6
SSE	.3	.3	1.0	.5	.1							2.2	8.7
S	.7	1.6	2.4	1.2	.3							6.2	8.0
SSW	.8	2.6	3.5	2.3	.1	.4	.1					9.9	9.4
SW	1.6	2.7	4.5	3.9	.4	.1						13.3	8.9
WSW	2.0	1.9	3.9	2.2	1.4	.5						12.0	9.7
W	2.0	2.0	2.3	1.2	.8	.3						8.7	8.3
WNW	.5	.8	.3	.3	.3		.1	.1				2.4	10.6
NW	.4	.7	.8	.3								2.2	7.0
NNW	.5	.3	.8	1.6	.4							3.7	10.5
VARBL													
CALM												14.4	
	15.8	18.6	27.0	18.1	4.3	1.4	.3	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 736

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.6	1.9	.4							3.7	10.5
NNE	.4	.6	.6	.4	.2							2.2	8.3
NE	1.5	.7	1.6	.6	.1							4.6	6.8
ENE	2.1	1.4	2.2	.7	.2							6.7	6.4
E	1.4	1.2	.6	.2								3.5	5.1
ESE	.5	.5	.6	.2								1.9	6.4
SE	.6	.6	.9									2.1	5.4
SSE	.1	.1	.5	.4								1.1	8.1
S	.7	1.0	1.6	1.0	.1							4.5	7.9
SSW	1.2	1.9	4.0	2.1	.1	.2						9.6	8.4
SW	1.7	2.5	4.5	4.4	.9	.4						14.3	9.5
WSW	3.0	2.5	4.0	2.4	1.1	.4						13.3	8.6
W	3.1	2.2	1.6	1.7	.5	.1	.1					9.5	7.4
WNW	1.0	.7	.5	.4		.2						2.9	7.5
NW	.5	.5	1.1	.2	.2							2.6	8.1
NNW	.4		1.1	2.0	.4	.2						4.1	11.9
VARBL													
CALM												13.2	
	18.8	17.0	26.2	18.7	4.4	1.6	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.0	1.8	.1							4.4	9.3
NNE	1.4	1.5	1.0	1.0	.3							5.2	7.3
NE	1.8	.5	.5	.9	.4							4.0	7.0
ENE	1.4	1.8	1.8	.1								5.0	5.7
E	.6	1.9	1.8	.4								4.6	6.5
ESE	.5	.5	.9	.3								2.1	6.7
SE	.4	.3	.3	.3	.3							1.4	8.5
SSE	.4	.4	.1	1.0								1.9	8.8
S	.9	.9	1.4	1.8	.3							5.2	9.0
SSW	.8	2.0	3.0	2.5	.1	.1						8.5	9.0
SW	3.3	3.4	4.4	2.6	.5	.1						14.3	7.7
WSW	1.9	2.1	3.9	2.6	1.6	.3						12.4	9.8
W	3.0	1.4	1.8	.9	.6	.4						8.0	7.4
WNW	.1	.6	1.3	.3								2.3	7.7
NW	.6	.9	1.6	.3								3.4	6.6
NNW	.1	.8	.9	1.1	1.0	.3						4.1	12.2
VARBL													
CALM												13.1	
	17.6	19.8	25.5	17.7	5.2	1.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 796

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2	1.6	2.6								5.1	10.1
NNE	.7	.5	1.4	1.2	.1	.1						4.1	9.3
NE	.7	.6	.5	.4	.1							2.4	6.4
ENE	1.5	2.0	2.1	.9								6.5	6.5
E	1.0	1.6	1.7	.2								4.6	6.3
ESE	.6	.9	.5	.2								2.2	5.8
SE	.4	.2	1.1									1.7	6.9
SSE	.1	.4	.5	.6		.1						1.7	9.6
S	1.0	.4	2.7	2.6	.5	.2						7.5	10.4
SSW	.9	.5	2.7	2.9	1.0	.1						8.1	10.6
SW	1.6	2.4	3.4	4.2	1.0	.1						12.7	9.5
WSW	1.5	3.5	3.9	3.7	1.9	.5						14.9	10.0
W	1.9	.9	2.1	1.9	1.4	.4						8.4	10.1
WNW	.7	.9	2.0	.6	.1							4.3	8.1
NW	.1	.2	1.9	.7	.2							3.2	9.7
NNW	.2	.9	.7	2.2	.5	.2						4.8	11.7
VARBL													
CALM												7.7	
	13.7	16.0	28.8	25.1	6.8	1.9						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	2.3	3.3								6.4	10.2
NNE	.3	.4	2.0	1.4	.4							4.4	10.3
NE	.6	.5	.6	.6								2.4	7.5
ENE	1.1	.6	2.3	1.0								5.2	7.3
E	1.5	1.1	2.1	.4								5.2	6.2
ESE	.1		.6	.4								1.1	8.6
SE		.4	1.0	.6								2.0	9.1
SSE		.9	.5	.3	.1							1.8	8.1
S	.6	1.1	2.4	2.6	.3	.4						7.5	10.1
SSW	.5	1.1	2.5	3.4	1.4	.4						9.3	11.8
SW	.5	1.5	1.9	4.6	1.6	.1						10.3	11.8
WSW	1.0	2.9	5.8	4.8	1.1	1.4	.3					17.2	11.2
W	.6	1.0	2.9	3.5	2.0	.4						10.4	12.0
WNW		.5	1.4	1.1	.6							3.6	11.6
NW	.3	.9	1.0	3.0	.3							5.4	10.5
NNW	.3	.4	1.3	1.9	.3	.5						4.5	11.8
VARBL													
CALM												3.3	
	7.5	14.2	30.5	33.0	8.0	3.1	.3					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.5	1.7	.1							6.3	8.9
NNE	.5	.1	1.5	.7	.1							3.0	8.7
NE	.1	1.1	1.1	.1	.4							2.9	8.5
ENE	1.0	1.6	1.5	.9								5.0	6.8
E	1.7	2.0	.7	.1								4.6	4.9
ESE		.6	.7	.1								1.5	7.7
SE	.5	.7	.6	.2	.1							2.2	7.2
SSE	.5	.9	1.1			.1						2.6	6.4
S	.9	2.1	2.6	2.1	.2	.2						8.2	9.0
SSW	.6	3.1	3.2	2.2	1.1	.4						10.7	9.4
SW	.4	1.4	3.9	3.0	1.4	.1						10.1	10.8
WSW	1.0	1.0	4.9	4.0	1.6	.7						13.2	11.5
W	1.6	1.6	3.4	3.0	.4	.1						10.1	9.0
WNW	.9	1.0	1.6	.6	.1							4.2	7.4
NW		1.2	1.2	1.4								3.9	9.0
NNW	.2	1.9	1.9	.9	.1	.4						5.3	9.1
VARBL													
CALM												6.2	
	10.2	22.1	32.5	21.1	5.7	2.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 804

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.4	1.0	.2							5.2	8.7
NNE	.5	.3	1.2	.9	.5							3.5	10.0
NE	1.2	1.0	.7	.3								3.3	5.4
ENE	.5	2.3	2.3	.3								5.4	6.5
E	1.4	1.6	1.0	.2								4.2	5.5
ESE	.5	.7	.3									1.6	5.0
SE	.9	1.0	.9	.2								3.0	5.9
SSE	.5	.5	.5	.9		.2						2.6	9.0
S	1.0	2.6	1.2	1.9	.2	.2						7.2	8.0
SSW	1.4	2.4	3.5	.7	1.4							9.6	9.0
SW	1.2	2.1	4.0	3.8	1.4	.2						12.7	10.0
WSW	1.2	2.3	3.8	3.1	1.2	.5						12.2	10.3
W	1.0	1.6	2.4	1.9	.3	.2						7.5	8.7
WNW	1.6	1.0	.2	.7								3.5	5.3
NW	.2	1.0	.9	.9								3.0	8.4
NNW	.9	1.0	.9	1.2	.2							4.2	8.2
VARBL													
CALM												11.3	
	14.7	23.2	25.3	18.8	5.4	1.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 573

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63, 70, 73-74	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	1.6	2.2								4.7	9.6
NNE	.5	.5	1.4	1.4	.3							4.1	9.4
NE	1.1	1.9	.8									3.8	5.1
ENE	.8	3.6	2.2	.5								7.1	5.9
E	1.9	1.4	.3	1.4								4.9	6.2
ESE	.5	1.9	.8									3.3	5.5
SE	.3	.5	1.6	.3								2.7	7.7
SSE	.3	.8	.3	.5								1.9	8.0
S	.5	1.6	2.7	1.9								6.8	8.6
SSW	.5	2.7	3.8	2.2	1.1							10.4	9.5
SW	1.1	1.6	1.9	3.6								8.2	9.0
WSW	1.4	1.6	2.5	3.6	.5	.3						10.1	10.0
W	.5	1.1	1.1	1.6	.3							4.7	8.9
WNW	.3	.5	.5									1.4	6.0
NW		.8	.3	.6	.3							2.2	10.1
NNW	.8	1.4	.8	.5	.3							3.8	7.6
VARBL													
CALM												19.7	
	11.2	22.5	22.7	20.5	2.7	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 365

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15033 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	1.5	2.2	.1							5.2	9.6
NNE	.6	.6	1.2	.9	.2	.0						3.5	8.8
NE	1.1	.9	1.0	.4	.2							3.6	6.7
ENE	1.3	1.7	2.0	.6	.0							5.7	6.4
E	1.3	1.5	1.2	.4								4.4	5.9
ESE	.4	.6	.7	.2								1.8	6.5
SE	.4	.5	.8	.2	.1							2.0	7.2
SSE	.3	.5	.6	.5	.0	.1						2.0	8.3
S	.8	1.4	2.1	1.9	.2	.1						6.6	9.0
SSW	.8	2.0	3.2	2.4	.8	.2	.0					9.4	9.7
SW	1.5	2.2	3.6	3.8	1.0	.2						12.2	9.6
WSW	1.7	2.3	4.2	3.3	1.4	.6	.0					13.5	10.2
W	1.8	1.5	2.3	2.0	.8	.2	.0					8.7	9.1
WNW	.6	.8	1.0	.5	.2	.0	.0	.0				3.2	8.3
NW	.3	.8	1.2	1.0	.1							3.3	8.8
NNW	.4	.8	1.1	1.5	.4	.2						4.4	10.7
VARBL													
CALM												10.4	
	13.8	18.8	27.8	21.9	5.5	1.7	.1	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 5677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.9	1.5								4.1	8.1
NNE	.4	1.2	1.9	.6	.1							4.3	8.1
NE	.9	1.9	3.4	.7								6.9	7.0
ENE	1.5	2.2	3.4	.7	.6	.1						8.6	7.7
E	2.9	1.5	1.2	1.6								7.2	6.0
ESE	.6	.3	.4									1.3	4.9
SE	.3	.1	.4									.9	5.7
SSE	.3	.4	.7	.3	.1							1.9	8.1
S	.3	.3	.6	.6	.6	.1						2.5	11.6
SSW	.3	1.3	2.2	3.1	.7	.3						8.0	11.1
SW	1.0	2.4	3.5	4.9	.6	.1	.1					12.7	10.2
WSW	1.5	2.2	5.3	4.3	1.6	.4						15.3	10.2
W	.6	1.2	2.9	.9	.7							6.3	9.2
WNW	.3	.6	.7	.3		.3	.1					2.4	10.5
NW		.6	.4	.1		.1	.1					1.5	11.1
NNW	.1	.4	.7	.6								1.9	9.0
VARBL													
CALM												14.2	
	11.7	17.8	28.9	20.2	5.2	1.6	.4					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 51-63,70-76 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.3	2.1								4.2	9.8
NNE	.1	1.3	1.4	.8	.3							3.9	9.2
NE	.8	1.5	2.6	.6								5.6	7.1
ENE	1.3	2.5	3.1	1.3	1.0							9.1	8.5
E	2.8	1.8	1.9	.3								6.8	5.1
ESE	.7	.3	1.0	.1								2.1	6.2
SE	.1	.4	.6									1.1	6.6
SSE	.6	.3	.6	.3								1.7	6.3
S	1.1	1.1	1.1	.8	1.0	.1						5.3	9.6
SSW	.3	1.5	2.8	2.9	1.0	.1						8.6	10.6
SW	1.8	2.2	3.5	3.8	1.4	.1						12.8	9.6
WSW	1.3	2.2	4.7	4.5	.8	.4						13.9	10.0
W	1.5	1.7	2.4	1.0	1.0	.1						7.7	8.7
WNW	.5	.7	.8	.6	.4							3.1	8.7
NW	.1	.6	.4	.3	.1							1.5	8.2
NNW		.3	.6	1.0								1.8	10.1
VARBL													
CALM												10.9	
	13.4	18.9	28.7	20.2	7.0	1.0						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	2.2	1.8								4.8	9.2
NNE	.4	.6	2.1	1.0	.1							4.1	8.9
NE	1.7	1.4	2.4	.1	.3							5.8	6.5
ENE	2.1	2.4	3.9	1.1	.8	.1						10.4	8.1
E	1.5	1.5	.8	1.0								4.8	6.2
ESE	.7	.7	.7	.1								2.2	5.7
SE	.3	.1		.1								.6	5.3
SSE		.1	.7	.3								1.1	9.5
S	.4	.4	2.9	1.4	.4	.1						5.7	10.1
SSW	.3	1.0	1.9	3.3	1.2	.3						8.0	12.2
SW	.7	2.4	4.4	4.1	1.0	.1						12.7	10.0
WSW	1.9	2.1	3.0	4.3	.8	.1						12.3	9.4
W	1.8	2.2	2.1	1.8	.4	.3						8.6	8.4
WNW	.4	.3	.8	.6								2.1	8.0
NW	.1	.3	.4									.8	6.7
NNW	.3	.3	1.4	.8	.1							2.9	9.2
VARBL													
CALM												13.0	
	13.0	16.0	29.7	21.9	5.3	1.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	1.2	1.9	.3							4.2	10.2
NNE	.5	1.4	1.5	1.2	.1							4.8	8.4
NE	1.2	1.0	1.5	.5	.3							4.5	7.3
ENE	1.8	1.6	4.2	2.2	.3							10.1	8.1
E	1.2	1.5	1.5	.8	.1							5.2	6.8
ESE	1.1	.3	.7	.7								2.7	6.6
SE	.5	.5	.5	.1								1.8	5.9
SSE	.8	.1	.4	.3								1.6	6.1
S	.1	.3	1.0	1.5		.3						3.8	11.2
SSW	.3	.5	2.0	2.5	1.5	.4						7.8	12.3
SW	1.0	2.3	2.7	5.2	1.5	.5						13.9	10.8
WSW	1.5	1.8	3.4	4.5	1.1	.3						12.6	10.0
W	2.0	1.2	2.5	2.5	1.0	.4						9.5	9.6
WNW	1.0	.5	.5	.4	.7							3.1	8.4
NW	.3	.3	.3		.1							1.0	7.3
NNW	.3	.3	1.0	1.0	.1							2.6	9.9
VARBL													
CALM												10.8	
	14.7	14.1	26.2	25.2	7.1	1.9						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 733

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	1.1	1.3	.4							4.5	9.1
NNE	.6	1.0	1.8	1.5	.6							5.5	9.3
NE	.8	.6	1.4	1.1	.3							4.2	8.9
ENE	2.1	1.8	4.3	2.9	.6							11.8	8.4
E	1.7	1.1	1.4	.7								4.9	6.4
ESE	.6	.8	.6	.3								2.2	6.1
SE	.6	.1	.8	.3	.1							2.0	7.4
SSE	.6	.3	.4	.3								1.5	6.2
S	.3	.4	1.3	1.7	.4							4.1	10.5
SSW		.4	2.7	2.4	1.1	1.0						7.6	13.2
SW	1.0	.8	2.1	5.2	.7	.6						10.4	11.6
WSW	1.3	1.8	3.2	5.6	1.4	.3						13.6	11.2
W	1.0	1.8	2.4	4.5	1.0	.3	.1					11.1	10.8
WNW	.3	.3	1.1	1.4	.7							3.8	11.2
NW	.1	.7	.8	.1	.3							2.1	9.1
NNW		.7	1.0	1.3	.3							3.2	10.3
VARBL													
CALM												7.7	
	11.6	13.6	26.5	30.5	7.8	2.1	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 714

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	2.1	1.1								5.2	7.8
NNE	1.0	.8	.7	1.0	.4							3.8	8.2
NE	1.4	1.2	2.2	.7	.4							5.9	7.7
ENE	1.5	1.6	2.6	2.9	.1							8.8	8.7
E	1.6	1.1	1.1	1.0								4.8	6.3
ESE	1.1	.8	.5	.4								2.9	5.6
SE	.4	.5	.8	.7								2.5	7.9
SSE	.5	.5	.3									1.4	4.6
S	.5	.4	2.6	1.6	.1							5.3	8.9
SSW	.4	1.0	2.3	2.6	.5	.3						7.1	10.5
SW	.5	1.9	2.9	3.4	1.2	.7						10.7	11.0
WSW	1.1	1.9	4.2	4.1	2.2	.3						13.8	11.0
W	1.5	1.5	1.9	2.9	.8							8.6	9.3
WNW	.3	.1	1.0	1.4	.3							3.0	10.5
NW	.4	.7	.1	.3	.1							1.6	7.4
NNW		1.2	1.8	.8	.1							4.0	8.6
VARBL													
CALM												10.5	
	12.9	17.0	27.1	24.8	6.4	1.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 730

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	3.2	1.9								7.7	8.3
NNE	.4	.6	.7	.7								2.4	8.0
NE	1.9	1.9	1.9	.9	.2							6.7	6.7
ENE	2.1	2.4	3.0	3.6	.7							11.8	8.8
E	2.1	1.1	2.4	.6								6.2	6.1
ESE	.7	.2	1.3	.2								2.4	6.5
SE	.6	.6	.4	.2								1.7	5.6
SSE	.4	.2	.6									1.1	6.0
S	1.3	.4	2.2	.6	.2							4.7	7.4
SSW	.2	1.7	3.0	2.8	.4	.6						8.6	10.7
SW	.6	1.3	4.3	3.0	.2	.4						9.7	9.9
WSW	1.3	1.5	5.4	2.2	.4	.2						11.0	8.8
W	1.7	1.7	2.2	.7	.7	.2						7.3	8.2
WNW	.2	.7	.4	.4	.2	.2						2.1	10.0
NW		.4	.6									.9	7.6
NNW	.2	.7	1.1	.2		.2						2.4	8.1
VARBL													
CALM												13.1	
	13.9	17.6	32.8	18.0	3.0	1.7						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 534

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70,74-75 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.2	1.7	2.0								7.6	7.3
NNE	.8	.8	1.4	.3								3.4	5.9
NE	2.0	2.2	3.1	.8								8.1	6.2
ENE	1.4	3.4	7.6	2.5	.8							15.7	8.8
E	.6	1.7	1.1	.8								4.2	6.9
ESE		.3	.8									1.1	8.0
SE	.3	.6										.8	5.0
SSE	.6	.3	.8									1.7	5.8
S	.6	.8	1.1	1.4								3.9	8.2
SSW		1.1	.6	2.8	.3							4.8	10.6
SW	.6	2.5	2.2	2.8	.3	.6						9.0	9.9
WSW	.6	2.0	3.1	1.1	.3							7.0	8.2
W	1.4	2.2	2.8	.3								6.7	6.0
WNW		.6	.3	.6	.6	.6						2.5	14.6
NW	.3	1.1										1.4	5.0
NNW	.3	.6	2.0									2.8	7.1
VARBL													
CALM												19.1	
	11.0	22.5	28.7	15.4	2.2	1.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 356

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038 (STATION) | FAIRFORD RAF UK (STATION NAME) | 61-63,70-76 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.7	1.7	.1							5.1	8.7
NNE	.5	1.0	1.5	.9	.2							4.1	8.5
NE	1.3	1.4	2.3	.7	.2							5.8	7.2
ENE	1.7	2.2	3.8	2.1	.6	.0						10.4	8.4
E	1.9	1.4	1.4	.8	.0							5.6	6.1
ESE	.7	.5	.7	.3								2.2	6.1
SE	.4	.4	.5	.2	.0							1.4	6.6
SSE	.5	.3	.5	.2	.0							1.5	6.6
S	.6	.5	1.7	1.2	.4	.1						4.5	9.7
SSW	.2	1.0	2.4	2.8	.9	.4						7.7	11.5
SW	1.0	2.0	3.2	4.2	.9	.4	.0					11.7	10.4
WSW	1.3	1.9	4.1	4.1	1.2	.3						12.9	10.1
W	1.4	1.7	2.4	2.0	.8	.2	.0					8.4	9.1
WNW	.4	.5	.8	.7	.3	.1	.0					2.8	10.0
NW	.2	.3	.4	.1	.1	.0	.0					1.4	8.2
NNW	.1	.6	1.1	.8	.1	.0						2.7	9.2
VARBL													
CALM												11.9	
	12.9	16.8	28.4	22.7	5.8	1.5	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 5186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	ALL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.7	1.0	.1	.0						4.5	8.2
NNE	.8	1.0	1.4	1.0	.2	.0						4.3	8.1
NE	1.1	1.4	2.3	1.5	.2	.0	.0					6.5	7.9
ENE	1.5	2.0	2.6	1.6	.2	.0						7.9	7.6
E	1.6	1.5	1.6	.7	.1	.0						5.5	6.3
ESE	.5	.5	.6	.3	.0	.0						1.9	6.8
SE	.4	.4	.5	.3	.1	.0						1.7	7.4
SSE	.4	.5	.7	.6	.1	.0	.0					2.2	8.4
S	.8	1.1	1.8	1.7	.5	.1	.0					5.9	9.6
SSW	.8	1.6	2.6	2.5	.6	.1	.0					8.2	9.6
SW	1.4	2.6	3.4	2.8	.5	.1	.0	.0				10.8	8.7
WSW	1.5	2.3	3.8	4.1	1.1	.3	.0	.0				13.1	10.0
W	1.6	1.7	2.6	2.3	.7	.2	.0	.0				9.0	9.0
WNW	.5	.7	1.1	.9	.2	.0	.0	.0				3.4	8.9
NW	.4	.8	1.2	.8	.1	.0	.0					3.3	8.5
NNW	.3	.7	1.1	.8	.1	.0						3.0	8.7
VARBL													
CALM												8.6	
	14.2	19.8	28.9	22.8	4.6	1.1	.1	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 67085

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

15038	FAIRFORD RAF UK	61-63,70-76	ALL
STATION	STATION NAME	YEARS	MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.9	.6	.1	.0						4.6	7.4
NNE	1.0	1.2	1.7	1.0	.1	.0						5.0	7.7
NE	1.6	1.9	3.2	2.0	.2							8.9	7.9
ENE	2.0	3.3	4.1	2.6	.3	.0						12.3	7.7
E	2.1	2.5	2.5	1.0	.0	.0						8.1	6.3
ESE	.6	.8	.8	.4	.0							2.6	6.7
SE	.4	.7	.7	.4	.1							2.3	7.5
SSE	.4	.5	.8	.8	.1	.0	.0					2.7	8.8
S	.8	.9	2.0	1.9	.7	.2	.0					6.6	10.2
SSW	.7	1.2	2.4	3.0	.7	.2	.0					8.2	10.5
SW	1.1	1.8	2.8	3.2	.5	.2	.0	.0				9.5	9.5
WSW	1.3	1.7	2.5	3.0	1.0	.4	.0					10.0	10.3
W	1.4	.9	.7	.5	.2	.0	.0					3.8	6.7
WNW	.4	.4	.2	.1	.0							1.1	5.2
NW	.3	.6	.5	.2	.0							1.6	6.8
NNW	.3	.6	.7	.3	.0	.0						1.8	7.3
VARBL													
CALM												11.0	
	15.0	20.2	27.4	21.0	4.2	1.1	.1	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 15545

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

874-29964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.0	15.9	16.8	17.8	17.8	18.9	19.3	19.3	20.1	21.2	21.2	21.3	21.5	21.5	21.8
≥ 20000		19.1	19.9	20.8	21.8	21.8	23.4	23.8	23.9	24.8	26.1	26.1	26.2	26.4	26.4	26.8
≥ 18000		19.1	19.9	20.8	21.8	21.8	23.4	23.8	23.9	24.8	26.1	26.1	26.2	26.4	26.4	26.8
≥ 16000		19.1	19.9	20.8	21.8	21.8	23.4	23.8	23.9	24.8	26.1	26.1	26.2	26.4	26.4	26.8
≥ 14000		19.1	19.9	20.8	21.8	21.8	23.4	23.8	23.9	24.8	26.1	26.1	26.2	26.4	26.4	26.8
≥ 12000		19.5	20.3	21.2	22.2	22.2	23.8	24.2	24.4	25.2	26.5	26.5	26.6	26.8	26.8	27.2
≥ 10000		20.3	21.5	22.3	23.4	23.4	24.9	25.4	25.5	26.4	27.7	27.7	27.8	27.9	27.9	28.4
≥ 9000		20.5	21.6	22.5	23.5	23.5	25.1	25.5	25.6	26.5	27.8	27.8	27.9	28.1	28.1	28.5
≥ 8000		21.6	22.8	23.6	24.6	24.9	26.8	27.2	27.4	28.2	29.5	29.5	29.7	29.8	29.8	30.2
≥ 7000		21.8	22.9	23.8	24.8	25.1	26.9	27.4	27.5	28.4	29.7	29.7	29.8	29.9	29.9	30.4
≥ 6000		22.6	23.8	24.9	26.5	26.9	28.9	29.5	29.7	30.7	32.1	32.1	32.2	32.4	32.4	32.8
≥ 5000		24.5	25.6	26.9	28.9	29.4	31.7	32.2	32.7	33.7	35.1	35.1	35.2	35.4	35.4	35.8
≥ 4500		25.2	26.6	27.9	30.1	30.5	33.1	34.0	34.5	35.5	37.0	37.0	37.1	37.2	37.2	37.7
≥ 4000		26.4	27.8	29.2	31.5	31.9	34.5	35.5	36.4	37.4	38.8	38.8	39.0	39.1	39.1	39.5
≥ 3500		28.8	30.2	31.7	34.8	35.2	38.0	39.3	40.1	41.1	42.6	42.6	42.7	42.8	42.8	43.3
≥ 3000		31.7	33.4	34.8	38.1	38.5	41.3	42.6	43.4	44.4	45.8	45.8	46.0	46.1	46.1	46.6
≥ 2500		36.2	38.4	39.8	43.7	44.1	47.6	48.9	49.7	50.7	52.1	52.1	52.3	52.4	52.4	52.9
≥ 2000		40.5	43.1	44.6	49.1	49.6	53.2	54.7	55.6	56.6	58.0	58.0	58.2	58.3	58.3	58.7
≥ 1800		41.5	44.6	46.0	51.1	51.6	55.2	56.7	57.6	58.6	60.0	60.0	60.2	60.3	60.3	60.7
≥ 1500		43.7	46.8	48.7	54.0	54.6	58.5	60.3	61.2	62.2	63.6	63.6	63.8	63.9	64.0	64.5
≥ 1200		47.3	51.1	53.3	58.9	59.5	63.8	65.8	66.8	68.2	69.8	69.9	70.1	70.2	70.3	70.9
≥ 1000		49.3	53.7	56.2	62.8	63.3	67.9	69.9	71.1	72.6	74.4	74.5	74.8	74.9	75.1	75.9
≥ 900		50.1	54.6	57.0	64.0	64.9	69.6	71.9	73.2	74.9	76.6	76.8	77.1	77.2	77.4	78.2
≥ 800		51.1	55.9	58.5	65.8	66.6	71.6	73.9	75.5	77.4	79.1	79.2	79.5	79.7	79.8	80.7
≥ 700		51.7	56.4	59.2	67.2	68.5	74.1	76.5	78.4	80.4	82.1	82.2	82.5	82.7	82.8	83.7
≥ 600		53.2	58.5	61.2	69.6	71.1	76.9	79.7	81.7	83.7	85.4	85.5	85.8	86.0	86.1	87.0
≥ 500		53.2	58.6	61.3	70.1	71.6	78.9	82.1	84.5	86.5	88.3	88.4	88.7	88.8	89.0	89.8
≥ 400		53.2	58.7	61.7	71.2	72.8	80.8	84.4	87.0	89.0	91.0	91.1	91.4	91.5	91.7	92.7
≥ 300		53.2	58.7	61.7	71.5	73.2	81.4	85.1	88.4	90.4	92.4	93.0	93.4	93.6	93.7	94.7
≥ 200		53.2	58.7	61.7	71.9	73.8	81.9	85.7	89.0	91.3	93.4	94.3	94.7	94.8	95.1	96.1
≥ 100		53.2	58.7	61.7	71.9	73.8	81.9	85.8	89.3	91.7	94.1	95.0	95.7	96.4	96.8	99.0
≥ 0		53.2	58.7	61.7	71.9	73.8	81.9	85.8	89.3	91.7	94.1	95.0	95.7	96.6	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 698

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.6	14.5	15.4	16.1	17.0	17.3	17.3	17.4	17.4	18.1	18.1	18.2	18.6	18.8	18.8
≥ 20000		16.5	18.5	19.4	20.1	21.0	21.7	21.7	21.8	22.1	22.8	22.8	22.9	23.3	23.4	23.6
≥ 18000		16.5	18.5	19.4	20.1	21.0	21.7	21.7	21.8	22.1	22.8	22.8	22.9	23.3	23.4	23.6
≥ 16000		16.6	18.6	19.6	20.2	21.2	21.8	21.8	22.0	22.2	22.9	22.9	23.0	23.4	23.6	23.7
≥ 14000		16.8	18.8	19.7	20.4	21.3	22.0	22.0	22.1	22.4	23.0	23.0	23.2	23.6	23.7	23.8
≥ 12000		17.4	19.4	20.4	21.0	22.0	22.6	22.6	22.8	23.0	23.7	23.7	23.8	24.2	24.4	24.5
≥ 10000		18.5	20.5	21.4	22.1	23.0	23.8	23.8	24.0	24.4	25.0	25.0	25.2	25.6	25.7	25.8
≥ 9000		18.8	20.8	21.7	22.4	23.3	24.2	24.2	24.4	24.8	25.4	25.4	25.6	26.0	26.1	26.2
≥ 8000		19.4	21.4	22.4	23.0	24.0	24.9	24.9	25.0	25.4	26.1	26.1	26.2	26.6	26.8	26.9
≥ 7000		19.7	21.7	22.6	23.3	24.2	25.2	25.2	25.3	25.7	26.4	26.4	26.5	26.9	27.0	27.2
≥ 6000		19.8	21.8	23.2	24.0	25.3	26.2	26.2	26.4	27.3	28.0	28.0	28.1	28.5	28.6	28.8
≥ 5000		22.0	24.0	25.6	26.6	28.2	29.7	29.8	30.2	31.2	31.8	31.8	32.0	32.5	32.6	32.8
≥ 4500		23.4	25.6	27.2	28.5	30.1	32.4	32.9	33.4	34.4	35.0	35.0	35.2	35.7	35.8	36.0
≥ 4000		25.4	27.6	29.3	30.8	32.4	34.6	35.2	35.7	36.6	37.3	37.4	37.5	38.1	38.2	38.5
≥ 3500		27.4	30.0	31.7	33.2	34.8	37.0	37.7	38.2	39.3	40.1	40.2	40.5	41.0	41.1	41.5
≥ 3000		30.6	33.3	35.0	36.6	38.2	40.9	41.5	42.1	43.1	43.9	44.1	44.3	44.9	45.0	45.4
≥ 2500		34.4	37.4	39.1	41.1	42.7	45.5	46.5	47.0	48.1	49.0	49.1	49.4	49.9	50.1	50.5
≥ 2000		39.0	42.5	44.3	46.5	48.1	50.9	52.2	52.7	53.8	54.7	54.9	55.1	55.7	55.8	56.2
≥ 1800		40.3	44.1	45.9	48.2	49.8	52.6	53.9	54.5	55.5	56.5	56.6	56.9	57.4	57.5	57.9
≥ 1500		44.3	48.5	50.3	53.1	54.7	57.5	59.4	59.9	61.1	62.1	62.2	62.5	63.0	63.1	63.5
≥ 1200		47.5	52.5	54.7	58.1	59.8	62.8	64.8	65.4	66.7	67.6	67.8	68.0	68.6	68.7	69.1
≥ 1000		49.0	54.2	56.5	59.9	61.7	64.7	66.7	67.4	68.8	69.9	70.0	70.4	71.0	71.1	71.6
≥ 900		49.7	55.1	57.4	61.4	63.2	66.4	68.6	69.2	71.0	72.2	72.3	72.7	73.2	73.4	73.9
≥ 800		50.7	56.5	58.7	63.8	65.8	69.2	71.5	72.3	74.2	75.4	75.5	75.9	76.4	76.6	77.1
≥ 700		52.3	58.2	60.6	66.6	69.2	73.2	75.5	76.4	78.4	79.8	79.9	80.3	80.8	81.0	81.5
≥ 600		53.0	59.0	61.4	68.2	71.4	7[illegible].6	78.2	79.1	81.1	82.6	82.7	83.1	83.8	83.9	84.4
≥ 500		53.4	59.7	62.3	69.6	73.2	7[illegible].0	80.8	82.0	84.4	86.2	86.3	86.7	87.4	87.5	88.0
≥ 400		53.4	59.8	62.6	70.3	74.0	7[illegible].2	83.0	84.3	86.7	88.4	88.7	89.2	89.9	90.0	90.5
≥ 300		53.5	59.9	62.7	70.7	74.7	80.4	84.3	85.8	88.3	90.1	90.5	91.1	91.7	91.9	92.4
≥ 200		53.5	59.9	62.7	70.8	74.8	80.7	84.7	86.4	89.3	92.0	92.7	93.3	94.0	94.1	94.8
≥ 100		53.5	59.9	62.7	70.8	74.8	80.7	84.8	86.7	89.9	92.9	93.6	94.4	96.3	96.4	98.0
≥ 0		53.5	59.9	62.7	70.8	74.8	80.7	84.8	86.7	90.1	93.2	93.9	94.8	97.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 751

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.4	12.9	13.7	14.0	14.6	14.9	15.0	15.2	15.3	15.6	15.6	15.8	16.0	16.0	16.1
≥ 20000		17.2	18.6	19.4	20.1	20.7	21.0	21.1	21.3	21.5	21.8	21.8	22.1	22.3	22.3	22.5
≥ 18000		17.2	18.6	19.4	20.1	20.7	21.0	21.1	21.3	21.5	21.8	21.8	22.1	22.3	22.3	22.5
≥ 16000		17.2	18.6	19.4	20.1	20.7	21.0	21.1	21.3	21.5	21.8	21.8	22.1	22.3	22.3	22.5
≥ 14000		17.6	19.0	19.8	20.5	21.1	21.4	21.5	21.7	21.9	22.2	22.2	22.5	22.7	22.7	22.9
≥ 12000		18.6	20.1	20.9	21.5	22.2	22.5	22.6	22.7	23.0	23.3	23.3	23.5	23.8	23.8	23.9
≥ 10000		19.4	20.9	21.7	22.3	23.0	23.3	23.4	23.5	23.9	24.2	24.2	24.5	24.7	24.7	24.9
≥ 9000		19.7	21.3	22.1	22.9	23.7	23.9	24.1	24.2	24.6	24.9	24.9	25.1	25.4	25.4	25.5
≥ 8000		20.1	21.7	22.5	23.4	24.2	24.6	24.7	24.9	25.3	25.5	25.5	25.8	26.1	26.1	26.2
≥ 7000		20.2	21.9	22.7	23.7	24.5	25.0	25.1	25.3	25.7	25.9	25.9	26.2	26.5	26.5	26.6
≥ 6000		21.1	22.9	23.9	25.0	26.1	26.6	26.7	26.9	27.3	27.5	27.5	27.8	28.1	28.1	28.2
≥ 5000		23.8	25.8	26.9	28.5	29.5	30.3	30.6	30.7	31.1	31.4	31.4	31.6	31.9	32.0	32.2
≥ 4500		25.7	27.8	29.0	30.9	31.9	33.5	33.9	34.0	34.4	34.8	34.8	35.1	35.4	35.5	35.6
≥ 4000		27.4	29.8	31.0	32.8	33.9	35.9	36.3	36.6	37.0	37.6	37.6	38.0	38.3	38.4	38.7
≥ 3500		29.4	31.9	33.2	35.4	36.4	38.7	39.4	39.8	40.3	41.0	41.0	41.4	41.6	41.8	42.0
≥ 3000		33.1	35.6	37.6	39.8	41.0	43.2	43.9	44.5	45.1	45.7	45.7	46.1	46.4	46.5	46.8
≥ 2500		38.0	41.0	43.1	45.3	46.5	48.8	49.5	50.1	50.7	51.3	51.3	51.7	52.0	52.1	52.4
≥ 2000		41.5	45.1	47.5	50.5	51.9	54.4	55.1	55.7	56.6	57.4	57.4	58.0	58.4	58.5	58.8
≥ 1800		42.8	46.5	48.9	52.3	53.7	56.3	56.9	57.7	58.6	59.4	59.4	60.0	60.4	60.5	60.8
≥ 1500		46.0	50.0	52.7	56.5	58.1	60.6	61.7	62.5	63.4	64.2	64.2	64.8	65.2	65.3	65.6
≥ 1200		48.3	53.3	56.4	61.0	62.8	65.3	66.5	67.3	68.2	69.0	69.0	69.5	69.9	70.1	70.3
≥ 1000		49.9	55.3	58.4	63.2	65.2	67.8	69.3	70.1	71.1	72.2	72.2	72.7	73.1	73.3	73.5
≥ 900		50.9	56.4	59.4	64.8	67.3	69.9	71.5	72.5	73.7	74.7	74.7	75.3	75.7	75.8	76.1
≥ 800		51.9	57.4	60.6	66.9	69.8	72.5	74.1	75.0	76.3	77.4	77.4	77.9	78.3	78.5	78.7
≥ 700		52.8	58.5	61.8	68.4	71.4	74.3	76.2	77.1	78.5	79.5	79.5	80.2	80.6	80.7	81.0
≥ 600		53.5	59.3	62.8	69.7	73.3	76.5	78.6	79.7	81.0	82.0	82.0	82.7	83.1	83.2	83.5
≥ 500		53.7	59.6	63.2	70.5	74.5	77.9	80.1	81.3	82.7	84.3	84.3	85.1	85.5	85.6	85.9
≥ 400		53.9	59.7	63.3	70.7	74.7	78.5	80.6	82.0	83.8	85.6	85.6	86.4	86.8	87.0	87.2
≥ 300		54.0	59.8	63.4	71.4	75.5	79.7	82.0	84.2	86.3	88.7	89.0	90.0	90.4	90.6	90.8
≥ 200		54.0	59.8	63.4	71.7	75.8	80.3	83.2	85.9	88.6	91.2	91.6	92.8	93.9	94.1	94.5
≥ 100		54.0	59.8	63.4	71.7	75.8	80.3	83.4	86.2	89.0	92.3	92.7	94.0	95.7	96.1	97.9
≥ 0		54.0	59.8	63.4	71.7	75.8	80.3	83.6	86.4	89.4	92.8	93.2	95.1	96.8	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 752

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		10.0	10.4	10.9	11.3	11.8	12.0	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
≥ 20000		19.2	20.3	20.9	21.6	22.4	22.7	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 18000		19.2	20.3	20.9	21.6	22.4	22.7	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 16000		19.2	20.3	20.9	21.6	22.4	22.7	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 14000		19.7	20.9	21.4	22.2	22.9	23.2	23.6	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 12000		21.4	22.7	23.2	24.0	24.7	25.0	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 10000		23.7	25.1	25.6	26.6	27.3	27.6	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 9000		24.1	25.5	26.0	26.9	27.8	28.1	28.5	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 8000		24.9	26.6	27.1	28.1	29.0	29.5	29.9	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 7000		24.9	26.9	27.5	28.6	29.5	30.2	30.6	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 6000		25.0	27.2	28.0	29.1	30.1	30.7	31.2	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 5000		26.4	29.3	30.3	31.7	32.6	33.3	33.9	34.1	34.3	34.6	34.6	34.6	34.6	34.6	34.7
≥ 4500		27.7	30.7	31.7	33.3	34.2	35.1	36.1	36.3	36.5	36.9	36.9	36.9	36.9	36.9	37.0
≥ 4000		29.4	32.4	33.4	35.2	36.1	37.3	38.3	38.9	39.2	39.6	39.6	39.6	39.6	39.6	39.8
≥ 3500		32.4	35.6	36.8	38.6	39.6	41.3	42.5	43.1	43.7	44.0	44.0	44.0	44.0	44.0	44.2
≥ 3000		35.5	38.9	40.2	42.2	43.4	45.1	46.2	47.0	47.8	48.2	48.2	48.2	48.2	48.2	48.4
≥ 2500		38.1	41.5	43.0	45.5	46.8	48.6	50.0	50.9	51.8	52.2	52.2	52.5	52.5	52.5	52.7
≥ 2000		41.8	45.7	47.5	50.3	51.6	53.4	54.9	55.8	56.7	57.3	57.3	57.5	57.5	57.5	57.8
≥ 1800		43.5	47.8	49.6	52.7	54.1	56.0	57.5	58.4	59.5	60.1	60.1	60.4	60.4	60.4	60.6
≥ 1500		46.4	50.9	53.1	56.5	58.0	60.0	61.5	62.4	63.5	64.1	64.1	64.4	64.4	64.4	64.8
≥ 1200		49.7	54.9	57.5	61.3	63.3	65.3	67.0	67.9	69.0	69.7	69.7	69.9	69.9	69.9	70.3
≥ 1000		51.6	57.0	59.7	63.9	66.6	68.9	70.7	71.8	72.9	73.6	73.6	73.8	73.8	73.8	74.2
≥ 900		52.1	58.0	60.8	65.0	67.7	70.2	72.0	73.1	74.2	74.9	74.9	75.1	75.1	75.1	75.5
≥ 800		53.4	59.5	62.4	66.8	69.6	72.0	74.1	75.1	76.3	76.9	76.9	77.2	77.2	77.2	77.6
≥ 700		54.4	60.8	63.9	68.4	71.1	73.7	75.9	77.1	78.4	79.0	79.0	79.3	79.3	79.3	79.7
≥ 600		55.1	61.7	64.9	70.5	73.4	76.8	79.1	80.4	81.9	82.8	82.8	83.0	83.0	83.0	83.4
≥ 500		55.6	62.4	65.8	72.2	75.4	79.1	81.7	83.2	84.7	85.8	85.9	86.3	86.3	86.3	86.8
≥ 400		55.7	62.6	65.9	72.5	75.8	79.9	82.6	84.1	85.9	87.7	87.8	88.2	88.2	88.3	88.9
≥ 300		55.7	62.6	65.9	72.7	76.2	80.7	83.5	85.5	87.6	89.4	89.8	90.2	90.7	90.8	91.6
≥ 200		55.7	62.6	65.9	72.7	76.2	80.8	83.8	86.0	88.3	90.7	91.3	92.1	93.0	93.3	94.2
≥ 100		55.7	62.6	65.9	72.7	76.2	80.8	83.8	86.1	88.6	91.1	92.0	93.1	94.7	95.5	98.2
≥ 0		55.7	62.6	65.9	72.7	76.2	80.8	83.8	86.1	88.6	91.1	92.2	93.4	95.2	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 772

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		9.2	9.8	10.6	11.3	11.5	12.6	12.6	12.6	12.7	13.0	13.0	13.2	13.4	13.4	13.7
≥ 20000		18.1	19.0	20.0	21.1	21.3	22.5	22.5	22.5	22.6	22.9	22.9	23.2	23.3	23.3	23.7
≥ 18000		18.2	19.1	20.2	21.2	21.5	22.6	22.6	22.6	22.8	23.0	23.0	23.3	23.4	23.4	23.8
≥ 16000		18.3	19.2	20.3	21.3	21.6	22.8	22.8	22.8	22.9	23.2	23.2	23.4	23.6	23.6	24.0
≥ 14000		19.0	20.2	21.2	22.5	22.8	24.0	24.0	24.0	24.1	24.3	24.3	24.6	24.7	24.7	25.1
≥ 12000		20.3	21.5	22.5	23.8	24.1	25.3	25.3	25.3	25.4	25.7	25.7	25.9	26.0	26.0	26.4
≥ 10000		22.4	23.6	24.7	26.0	26.3	27.5	27.5	27.5	27.6	27.9	27.9	28.1	28.3	28.3	28.7
≥ 9000		23.3	24.6	25.8	27.2	27.5	28.7	28.7	28.7	28.8	29.1	29.1	29.3	29.5	29.5	29.8
≥ 8000		24.3	25.8	27.0	28.4	28.7	29.8	29.8	29.8	30.0	30.2	30.2	30.5	30.6	30.6	31.0
≥ 7000		24.7	26.3	27.5	28.9	29.2	30.4	30.4	30.5	30.6	30.9	30.9	31.2	31.3	31.3	31.7
≥ 6000		25.4	27.1	28.3	30.0	30.2	31.4	31.4	31.7	31.8	32.1	32.1	32.3	32.5	32.5	32.9
≥ 5000		27.2	29.2	30.6	32.3	32.6	33.8	33.8	34.0	34.2	34.4	34.4	34.7	34.8	34.8	35.2
≥ 4500		28.7	30.8	32.5	34.3	34.6	36.1	36.3	36.6	37.0	37.4	37.4	37.7	37.8	37.8	38.2
≥ 4000		31.2	33.5	35.2	37.3	37.6	39.3	39.4	39.8	40.2	40.6	40.6	40.8	41.0	41.0	41.4
≥ 3500		34.0	36.6	39.0	41.6	41.9	44.0	44.1	44.5	45.3	45.7	45.7	45.9	46.1	46.1	46.5
≥ 3000		37.2	39.9	42.3	45.3	45.5	47.6	47.8	48.2	49.0	49.3	49.3	49.6	49.7	49.7	50.1
≥ 2500		40.8	43.6	45.9	49.6	50.0	52.4	52.6	53.3	54.1	54.5	54.5	54.7	54.8	54.8	55.2
≥ 2000		44.0	47.3	49.6	53.5	54.1	56.5	56.8	57.5	58.2	58.6	58.6	58.9	59.0	59.0	59.4
≥ 1800		45.4	49.0	51.4	55.5	56.0	58.6	59.0	59.8	60.6	61.0	61.0	61.3	61.4	61.4	61.8
≥ 1500		49.2	53.0	55.6	59.7	60.6	63.5	63.9	64.8	65.6	66.2	66.2	66.5	66.6	66.6	67.0
≥ 1200		52.9	57.7	60.7	65.8	67.1	70.2	70.5	71.6	72.5	73.2	73.2	73.4	73.6	73.6	74.0
≥ 1000		55.9	61.3	64.7	70.5	71.9	75.4	75.8	77.1	78.0	78.7	78.7	78.9	79.2	79.2	79.6
≥ 900		56.0	61.5	65.3	71.5	72.8	76.4	76.8	78.3	79.2	79.8	80.0	80.2	80.5	80.5	80.9
≥ 800		56.5	62.3	66.2	72.8	74.2	77.9	78.4	79.8	80.9	81.8	81.9	82.2	82.5	82.5	82.9
≥ 700		57.5	63.5	67.5	74.3	75.8	79.8	80.8	82.2	83.4	84.4	84.6	84.8	85.1	85.1	85.5
≥ 600		58.1	64.5	68.6	75.9	77.6	81.8	83.0	84.4	85.6	86.6	86.8	87.0	87.3	87.3	87.7
≥ 500		58.5	65.2	69.2	76.8	78.7	82.9	84.6	86.3	87.6	88.6	88.7	89.1	89.4	89.4	89.8
≥ 400		58.6	65.3	69.4	77.4	79.5	83.8	85.9	87.8	89.5	90.8	91.1	91.8	92.0	92.0	92.4
≥ 300		58.6	65.3	69.4	77.6	79.7	84.4	86.9	90.1	92.0	93.8	94.6	95.7	96.2	96.2	96.7
≥ 200		58.6	65.3	69.4	77.6	79.7	84.4	86.9	90.8	92.8	94.6	95.5	96.7	97.4	97.4	98.4
≥ 100		58.6	65.3	69.4	77.6	79.7	84.4	86.9	90.8	92.8	94.9	95.8	97.3	98.0	98.0	99.5
≥ 0		58.6	65.3	69.4	77.6	79.7	84.4	86.9	90.8	92.8	94.9	95.9	97.4	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 704

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		9.9	10.5	11.2	11.9	12.1	12.7	12.9	13.2	14.1	14.2	14.2	14.2	14.2	14.2	14.2
≥ 20000		20.2	21.2	22.4	23.8	24.2	25.2	25.7	26.0	26.9	27.0	27.0	27.0	27.0	27.0	27.0
≥ 18000		20.3	21.3	22.5	23.9	24.3	25.3	25.8	26.1	27.0	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000		20.4	21.4	22.6	24.0	24.4	25.5	26.0	26.2	27.1	27.3	27.3	27.3	27.3	27.3	27.3
≥ 14000		20.7	21.7	22.9	24.5	24.9	26.0	26.5	26.9	27.8	27.9	27.9	27.9	27.9	27.9	27.9
≥ 12000		22.7	23.9	25.1	27.1	27.5	28.6	29.1	29.5	30.4	30.5	30.5	30.5	30.5	30.5	30.5
≥ 10000		26.0	27.3	28.4	30.5	30.9	31.9	32.4	32.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0
≥ 9000		26.9	28.2	29.3	31.4	31.8	32.8	33.3	33.9	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 8000		27.8	29.3	30.6	32.9	33.3	34.5	35.0	35.5	36.4	36.6	36.6	36.6	36.6	36.6	36.6
≥ 7000		29.0	30.0	31.3	33.7	34.1	35.3	36.0	36.6	37.6	37.7	37.9	37.9	37.9	37.9	37.9
≥ 6000		28.4	30.4	31.7	34.4	34.8	35.9	36.8	37.3	38.4	38.5	38.6	38.6	38.6	38.6	38.6
≥ 5000		30.9	33.5	34.8	37.7	38.1	39.3	40.3	41.0	42.0	42.1	42.2	42.2	42.2	42.2	42.2
≥ 4500		31.8	34.6	36.4	39.4	39.8	41.0	42.1	43.0	44.1	44.6	44.7	44.7	44.7	44.7	44.7
≥ 4000		34.6	37.6	40.2	43.5	43.9	45.3	46.5	47.5	48.6	49.1	49.2	49.2	49.2	49.2	49.2
≥ 3500		36.4	39.4	42.2	45.9	46.3	47.9	49.1	50.1	51.4	52.1	52.2	52.2	52.2	52.2	52.2
≥ 3000		40.2	43.3	46.6	50.4	51.0	52.7	53.9	55.0	56.6	57.2	57.4	57.4	57.4	57.4	57.4
≥ 2500		42.2	45.9	49.9	53.7	54.4	56.3	57.6	58.9	60.5	61.1	61.2	61.2	61.2	61.2	61.2
≥ 2000		44.6	48.7	53.1	57.4	58.5	60.6	62.1	63.4	65.0	65.6	65.8	65.8	65.8	65.8	65.8
≥ 1800		46.8	51.3	55.8	60.5	61.9	64.1	65.8	67.2	68.7	69.4	69.5	69.5	69.5	69.5	69.5
≥ 1500		50.3	55.3	59.9	64.7	66.3	68.6	70.7	72.1	73.9	74.5	74.7	74.7	74.7	74.7	74.7
≥ 1200		52.3	57.5	62.4	67.4	69.1	71.6	74.3	76.0	77.8	78.4	78.6	78.6	78.6	78.6	78.6
≥ 1000		54.5	59.9	65.0	70.3	72.1	74.9	78.0	79.7	81.7	82.4	82.6	82.6	82.7	82.7	82.7
≥ 900		54.8	60.2	65.5	70.8	72.9	75.8	78.9	80.6	82.6	83.3	83.5	83.5	83.6	83.6	83.6
≥ 800		55.3	60.9	66.3	72.1	74.3	77.4	80.5	82.3	84.2	85.0	85.3	85.4	85.5	85.5	85.5
≥ 700		55.6	61.2	66.7	72.7	75.1	78.6	81.8	83.7	85.8	86.6	86.8	87.0	87.1	87.1	87.1
≥ 600		55.9	61.6	67.3	74.0	76.5	80.2	83.9	86.2	88.5	89.3	89.5	89.7	89.8	89.8	89.8
≥ 500		56.1	62.0	67.7	74.9	77.4	81.3	85.0	88.2	90.6	91.3	91.6	91.9	92.0	92.0	92.0
≥ 400		56.1	62.0	67.7	75.2	77.6	81.8	86.0	89.7	92.2	93.5	94.2	94.4	95.0	95.0	95.0
≥ 300		56.1	62.0	67.7	75.3	77.9	82.2	86.8	90.4	93.4	94.8	95.9	96.4	97.3	97.3	97.7
≥ 200		56.1	62.0	67.7	75.3	77.9	82.2	87.1	91.0	94.2	95.7	96.9	97.4	98.4	98.4	99.0
≥ 100		56.1	62.0	67.7	75.3	77.9	82.2	87.1	91.0	94.3	96.0	97.2	97.8	98.8	99.0	99.7
≥ 0		56.1	62.0	67.7	75.3	77.9	82.2	87.1	91.0	94.3	96.0	97.2	97.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 774

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.5	12.7	13.7	14.6	14.6	15.1	15.8	15.8	16.5	17.0	17.2	17.4	17.6	17.6	17.6
≥ 20000		16.9	18.3	19.3	20.3	21.2	22.6	23.8	24.2	24.9	25.4	25.6	25.7	25.9	25.9	25.9
≥ 18000		16.9	18.3	19.3	20.3	21.2	22.6	23.8	24.2	24.9	25.4	25.6	25.7	25.9	25.9	25.9
≥ 16000		16.9	18.3	19.3	20.3	21.2	22.6	23.8	24.2	24.9	25.4	25.6	25.7	25.9	25.9	25.9
≥ 14000		17.0	18.6	19.7	20.7	21.6	23.0	24.3	24.7	25.4	25.9	26.3	26.4	26.6	26.6	26.6
≥ 12000		17.9	19.5	20.5	21.6	22.4	23.8	25.4	25.7	26.4	27.0	27.3	27.5	27.7	27.7	27.7
≥ 10000		19.5	21.0	22.1	23.1	24.0	25.4	27.0	27.3	28.0	28.5	28.9	29.0	29.2	29.2	29.2
≥ 9000		20.0	21.7	22.8	23.8	24.7	26.1	27.7	28.0	28.7	29.2	29.6	29.7	29.9	29.9	29.9
≥ 8000		20.9	22.6	23.7	24.7	25.9	27.5	29.0	29.4	30.1	30.6	31.0	31.1	31.3	31.3	31.3
≥ 7000		21.0	23.0	24.0	25.4	26.6	28.2	29.7	30.1	30.8	31.3	31.7	31.8	32.2	32.2	32.2
≥ 6000		21.0	23.1	24.2	25.9	27.3	29.4	31.0	31.3	32.0	32.5	32.9	33.0	33.4	33.4	33.4
≥ 5000		23.3	25.6	26.8	29.0	30.6	32.7	34.4	34.8	35.5	36.0	36.3	36.5	36.9	36.9	36.9
≥ 4500		24.3	26.6	28.2	30.6	32.2	34.6	36.7	37.4	38.1	38.8	39.1	39.3	39.7	39.7	39.7
≥ 4000		25.4	27.8	30.1	33.2	34.8	37.4	39.5	40.2	40.9	41.6	41.9	42.1	42.4	42.4	42.4
≥ 3500		27.7	30.1	32.5	36.0	37.9	41.2	43.3	44.2	44.9	45.6	45.9	46.1	46.4	46.4	46.4
≥ 3000		31.0	33.6	36.0	39.8	41.9	45.7	47.8	48.9	49.7	50.6	51.0	51.1	51.5	51.5	51.5
≥ 2500		35.1	37.9	41.0	45.7	48.0	52.2	54.3	55.3	56.2	57.0	57.4	57.6	57.9	57.9	57.9
≥ 2000		38.8	42.3	46.8	52.3	55.1	59.7	61.7	62.8	63.7	64.5	64.9	65.0	65.6	65.6	65.6
≥ 1800		40.3	44.2	48.9	54.6	57.6	62.1	64.2	65.2	66.1	67.0	67.3	67.5	68.0	68.0	68.0
≥ 1500		43.3	47.3	52.0	58.3	61.2	66.1	68.2	69.2	70.1	71.0	71.3	71.5	72.0	72.0	72.0
≥ 1200		45.6	49.7	54.8	61.6	64.7	70.1	72.5	73.6	74.6	75.5	75.8	76.0	76.5	76.5	76.5
≥ 1000		46.4	51.1	56.3	64.2	67.3	73.0	75.7	76.7	77.7	78.6	79.0	79.1	79.7	79.7	79.7
≥ 900		47.5	52.3	57.6	65.9	69.0	75.0	77.6	78.6	79.7	80.5	80.9	81.0	81.6	81.6	81.6
≥ 800		47.8	52.7	57.9	67.0	70.3	76.3	79.1	80.2	81.2	82.1	82.4	82.6	83.1	83.1	83.1
≥ 700		48.0	53.2	58.4	68.2	71.5	78.4	81.2	82.6	83.8	84.7	85.0	85.2	85.7	85.7	86.1
≥ 600		48.2	53.6	59.0	69.2	72.7	80.7	83.8	85.2	86.6	87.7	88.0	88.2	88.7	88.7	89.0
≥ 500		48.2	53.6	59.1	69.7	73.6	82.4	85.7	87.5	89.0	90.4	90.8	91.0	91.5	91.5	91.8
≥ 400		48.2	53.6	59.1	69.7	73.6	82.6	86.4	88.5	90.4	92.0	92.3	92.5	93.0	93.0	93.4
≥ 300		48.2	53.6	59.1	69.7	73.6	82.8	87.3	89.4	91.7	93.4	93.7	94.3	95.0	95.1	95.5
≥ 200		48.2	53.6	59.1	69.9	73.7	83.0	87.5	89.9	92.2	94.1	94.6	95.5	96.5	96.7	97.0
≥ 100		48.2	53.6	59.1	70.1	73.9	83.1	87.8	90.4	92.7	94.6	95.3	96.7	97.9	98.3	99.7
≥ 0		48.2	53.6	59.1	70.1	73.9	83.1	87.8	90.4	92.7	94.6	95.3	96.7	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 575

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-71 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.7	14.1	15.3	16.3	17.3	18.5	19.0	19.0	19.0	20.2	20.2	20.7	20.7	20.7	21.2
≥ 20000		13.4	14.8	16.1	17.0	18.5	20.2	21.2	21.4	21.7	23.1	23.1	23.6	23.6	23.6	24.1
≥ 18000		13.4	14.8	16.1	17.0	18.5	20.2	21.2	21.4	21.7	23.1	23.1	23.6	23.6	23.6	24.1
≥ 16000		13.4	14.8	16.1	17.0	18.5	20.2	21.2	21.4	21.7	23.1	23.1	23.6	23.6	23.6	24.1
≥ 14000		13.4	14.8	16.1	17.0	18.5	20.2	21.2	21.4	21.7	23.1	23.1	23.6	23.6	23.6	24.1
≥ 12000		14.8	16.3	17.5	18.5	20.0	21.7	22.6	22.9	23.1	24.6	24.6	25.1	25.1	25.1	25.5
≥ 10000		15.3	16.8	18.0	19.0	20.4	22.1	23.1	23.4	23.6	25.1	25.1	25.5	25.5	25.5	26.0
≥ 9000		15.3	16.8	18.0	19.0	20.4	22.1	23.1	23.4	23.6	25.1	25.1	25.5	25.5	25.5	26.0
≥ 8000		16.5	18.0	19.2	20.2	21.9	24.1	25.1	25.3	25.5	27.0	27.0	27.5	27.5	27.5	28.0
≥ 7000		16.8	18.5	19.7	20.7	22.4	25.1	26.0	26.3	26.5	28.0	28.0	28.5	28.5	28.5	29.0
≥ 6000		16.8	18.5	19.7	20.7	22.4	25.1	26.0	26.3	26.5	28.0	28.0	28.5	28.5	28.5	29.0
≥ 5000		20.0	21.7	22.9	23.8	26.0	29.0	29.9	30.2	30.4	31.9	31.9	32.4	32.4	32.4	32.8
≥ 4500		20.4	22.4	23.8	25.1	27.3	31.1	32.1	32.4	32.8	34.3	34.3	34.8	34.8	34.8	35.3
≥ 4000		20.9	23.6	25.5	26.8	29.0	32.8	34.1	34.3	34.8	36.3	36.3	36.7	36.7	36.7	37.2
≥ 3500		22.6	25.8	27.7	29.0	31.1	36.3	37.5	37.7	38.2	39.7	39.7	40.1	40.1	40.1	40.6
≥ 3000		24.8	28.5	30.4	31.6	33.8	38.9	40.4	40.9	41.6	43.1	43.1	43.6	43.8	43.8	44.3
≥ 2500		28.5	32.8	35.0	36.7	39.4	45.5	47.0	47.4	48.2	49.6	49.6	50.1	50.4	50.4	50.9
≥ 2000		32.1	38.2	40.4	43.3	46.2	52.8	54.3	54.7	55.5	56.9	56.9	57.4	58.2	58.2	58.6
≥ 1800		32.8	39.4	42.3	45.3	48.2	54.7	56.2	56.7	57.4	58.9	58.9	59.4	60.1	60.1	60.6
≥ 1500		36.5	43.8	47.0	50.4	53.3	60.1	61.6	62.3	63.0	64.5	64.5	65.2	66.2	66.2	66.7
≥ 1200		41.4	48.9	52.6	56.4	59.6	67.4	69.3	70.1	71.3	73.0	73.0	73.7	74.7	74.7	75.2
≥ 1000		42.3	51.1	54.7	60.1	63.3	71.5	73.5	74.2	75.4	77.4	77.4	78.1	79.1	79.1	79.6
≥ 900		42.3	51.3	55.0	60.6	63.7	72.3	74.2	74.9	76.2	78.1	78.1	78.8	79.8	79.8	80.3
≥ 800		42.3	51.3	55.0	61.1	64.7	73.5	75.4	76.2	77.4	79.3	79.3	80.0	81.0	81.0	81.5
≥ 700		42.3	51.8	55.5	62.0	66.4	75.7	77.9	78.6	80.3	82.5	82.5	83.2	84.2	84.2	84.7
≥ 600		42.3	51.8	55.5	62.3	66.9	76.9	79.1	80.0	82.0	84.4	84.4	85.2	86.1	86.1	86.6
≥ 500		42.6	52.3	56.2	63.0	68.1	79.8	82.0	83.2	85.6	88.3	88.6	89.5	90.5	90.5	91.0
≥ 400		42.6	52.3	56.2	63.3	68.6	82.0	84.2	85.4	87.8	90.5	91.0	92.2	93.2	93.2	93.7
≥ 300		42.6	52.3	56.2	63.3	68.9	82.7	85.4	86.6	89.5	92.2	92.9	94.4	95.4	95.4	96.1
≥ 200		42.6	52.3	56.2	63.3	68.9	82.7	85.4	86.6	89.5	92.7	93.4	95.6	96.8	96.8	97.6
≥ 100		42.6	52.3	56.2	63.3	68.9	82.7	85.4	86.6	89.8	92.9	93.7	95.9	97.3	97.3	99.3
≥ 0		42.6	52.3	56.2	63.3	68.9	82.7	85.4	86.6	89.8	92.9	93.7	95.9	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JAN (MONTH)

ALL (HOURS L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.4	12.4	13.3	13.9	14.4	15.0	15.3	15.3	15.7	16.1	16.2	16.3	16.4	16.5	16.6
≥ 20000		17.8	19.1	20.0	21.0	21.6	22.5	22.9	23.1	23.5	24.0	24.1	24.2	24.4	24.4	24.6
≥ 18000		17.9	19.1	20.1	21.0	21.6	22.6	23.0	23.1	23.6	24.1	24.1	24.3	24.4	24.4	24.6
≥ 16000		17.9	19.2	20.1	21.1	21.7	22.6	23.0	23.2	23.6	24.1	24.2	24.3	24.5	24.5	24.7
≥ 14000		18.2	19.5	20.5	21.5	22.1	23.0	23.5	23.6	24.1	24.6	24.6	24.8	24.9	25.0	25.1
≥ 12000		19.4	20.8	21.7	22.8	23.4	24.3	24.8	24.9	25.4	25.9	25.9	26.1	26.3	26.3	26.5
≥ 10000		21.0	22.5	23.4	24.5	25.1	26.1	26.5	26.7	27.2	27.7	27.8	27.9	28.1	28.1	28.3
≥ 9000		21.5	23.0	23.9	25.1	25.7	26.7	27.1	27.3	27.8	28.3	28.4	28.5	28.7	28.7	28.9
≥ 8000		22.4	23.9	24.9	26.1	26.9	28.0	28.4	28.6	29.1	29.6	29.7	29.8	30.0	30.0	30.2
≥ 7000		22.6	24.3	25.3	26.6	27.3	28.5	29.0	29.2	29.7	30.2	30.3	30.5	30.6	30.6	30.8
≥ 6000		23.0	24.8	25.9	27.4	28.3	29.6	30.1	30.3	30.9	31.5	31.5	31.7	31.9	31.9	32.1
≥ 5000		25.1	27.2	28.5	30.3	31.3	32.7	33.3	33.7	34.3	34.8	34.9	35.0	35.2	35.3	35.5
≥ 4500		26.3	28.6	30.1	32.0	33.0	34.9	35.7	36.2	36.8	37.5	37.6	37.7	37.9	38.0	38.2
≥ 4000		28.1	30.5	32.3	34.4	35.4	37.5	38.4	38.9	39.6	40.3	40.4	40.6	40.8	40.8	41.1
≥ 3500		30.4	33.0	34.9	37.4	38.4	40.9	41.9	42.5	43.3	44.1	44.2	44.4	44.5	44.6	44.8
≥ 3000		33.6	36.4	38.5	41.1	42.2	44.8	45.8	46.6	47.5	48.3	48.4	48.6	48.8	48.8	49.1
≥ 2500		37.3	40.3	42.7	45.8	47.0	49.8	51.0	51.8	52.7	53.5	53.6	53.8	54.0	54.1	54.3
≥ 2000		40.9	44.6	47.2	50.8	52.2	55.2	56.5	57.3	58.3	59.1	59.2	59.5	59.7	59.8	60.1
≥ 1800		42.3	46.4	49.1	53.0	54.4	57.5	58.8	59.7	60.7	61.6	61.6	61.9	62.2	62.2	62.5
≥ 1500		45.6	49.9	52.8	57.0	58.7	61.9	63.4	64.3	65.4	66.3	66.4	66.6	66.9	67.0	67.3
≥ 1200		48.7	53.6	56.9	61.7	63.5	67.0	68.7	69.7	71.0	71.9	72.0	72.3	72.5	72.6	72.9
≥ 1000		50.5	55.9	59.3	64.7	66.6	70.4	72.3	73.4	74.7	75.8	75.8	76.2	76.5	76.5	76.9
≥ 900		51.1	56.7	60.2	65.8	68.0	71.9	73.9	75.0	76.4	77.4	77.5	77.8	78.2	78.2	78.6
≥ 800		51.8	57.6	61.2	67.4	69.7	73.8	75.8	77.0	78.5	79.6	79.7	80.0	80.4	80.4	80.8
≥ 700		52.6	58.5	62.3	68.9	71.5	76.0	78.2	79.5	81.1	82.2	82.4	82.7	83.0	83.1	83.5
≥ 600		53.2	59.4	63.2	70.5	73.3	78.2	80.7	82.1	83.8	85.1	85.2	85.5	85.9	85.9	86.3
≥ 500		53.4	59.8	63.7	71.4	74.5	80.0	82.7	84.5	86.4	87.8	88.0	88.4	88.7	88.8	89.2
≥ 400		53.5	59.9	63.9	71.9	75.0	81.0	84.1	86.1	88.1	89.8	90.1	90.6	91.0	91.1	91.5
≥ 300		53.5	59.9	63.9	72.1	75.4	81.7	85.1	87.5	89.9	91.8	92.4	93.1	93.7	93.7	94.3
≥ 200		53.5	59.9	63.9	72.3	75.6	81.9	85.5	88.2	90.8	93.1	93.8	94.7	95.5	95.7	96.4
≥ 100		53.5	59.9	63.9	72.3	75.6	82.0	85.6	88.4	91.1	93.6	94.4	95.6	96.9	97.1	98.9
≥ 0		53.5	59.9	63.9	72.3	75.6	82.0	85.6	88.5	91.2	93.7	94.6	95.8	97.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		7.7	9.5	10.1	10.9	11.8	14.0	15.2	15.7	16.2	16.5	16.7	17.0	17.5	17.7	17.7
≥ 20000		10.4	13.3	13.8	14.7	15.7	18.2	19.6	20.3	20.8	21.1	21.3	21.6	22.1	22.5	22.8
≥ 18000		10.4	13.3	13.8	14.7	15.7	18.2	19.6	20.3	20.8	21.1	21.3	21.6	22.1	22.5	22.8
≥ 16000		10.4	13.3	13.8	14.7	15.7	18.2	19.6	20.3	20.8	21.1	21.3	21.6	22.1	22.5	22.8
≥ 14000		10.4	13.6	14.1	15.0	16.0	18.6	19.9	20.6	21.1	21.5	21.6	22.0	22.5	22.8	23.2
≥ 12000		11.1	14.3	14.8	15.7	16.7	19.3	20.6	21.3	21.8	22.1	22.3	22.7	23.2	23.5	23.9
≥ 10000		13.6	17.4	17.9	19.3	20.3	22.8	24.2	24.9	25.4	25.7	25.9	26.2	26.7	27.1	27.4
≥ 9000		14.5	18.6	19.1	20.4	21.5	24.0	25.4	26.1	26.6	26.9	27.1	27.4	27.9	28.3	28.6
≥ 8000		15.3	19.6	20.4	21.8	23.5	26.2	27.6	28.3	28.8	29.1	29.3	29.6	30.2	30.5	30.8
≥ 7000		16.0	20.4	21.3	22.8	24.9	27.9	29.3	30.0	30.5	30.8	31.0	31.3	31.9	32.2	32.5
≥ 6000		16.7	21.1	22.0	23.7	25.7	28.8	30.2	30.8	31.3	31.7	31.9	32.2	32.7	33.0	33.4
≥ 5000		17.9	22.7	23.5	25.6	27.6	30.7	32.2	32.9	33.4	33.7	33.9	34.2	34.8	35.1	35.4
≥ 4500		19.8	24.7	25.6	28.4	30.8	34.4	36.1	36.8	37.3	37.6	37.8	38.2	38.7	39.0	39.4
≥ 4000		20.1	25.0	25.9	29.3	31.7	35.3	37.1	37.8	38.3	38.7	38.8	39.2	39.7	40.0	40.4
≥ 3500		21.8	26.7	28.1	31.7	34.2	38.2	40.2	41.1	41.6	41.9	42.1	42.4	42.9	43.3	43.6
≥ 3000		23.7	29.1	30.5	35.1	37.6	41.6	43.6	44.5	45.0	45.5	45.7	46.0	46.5	46.8	47.2
≥ 2500		27.1	32.5	34.2	39.5	42.2	46.3	48.6	49.4	50.1	50.6	50.8	51.1	51.6	52.0	52.3
≥ 2000		30.3	36.1	37.8	43.8	47.0	51.6	54.7	55.7	56.4	56.9	57.2	57.6	58.1	58.4	58.8
≥ 1800		31.9	38.0	39.7	46.0	49.2	53.8	56.9	57.9	58.6	59.1	59.5	59.8	60.3	60.6	61.0
≥ 1500		33.4	40.5	42.6	50.1	53.3	58.3	61.8	63.0	63.7	64.2	64.6	64.9	65.4	65.8	66.1
≥ 1200		35.8	43.4	45.8	54.3	57.8	62.7	66.4	68.0	68.7	69.2	69.5	69.8	70.4	70.7	71.0
≥ 1000		38.7	47.0	49.4	58.3	62.0	67.3	71.4	72.9	73.9	74.4	74.8	75.1	75.6	76.0	76.3
≥ 900		39.4	47.7	50.1	59.3	63.4	69.0	73.1	74.6	75.6	76.1	76.5	76.8	77.3	77.7	78.0
≥ 800		40.2	48.7	51.3	60.8	65.4	71.7	76.0	77.9	78.9	79.4	79.7	80.1	80.6	80.9	81.3
≥ 700		41.4	49.9	52.5	62.2	67.0	73.4	78.4	80.7	81.8	82.3	82.6	83.0	83.5	83.8	84.2
≥ 600		41.7	50.3	52.8	63.5	68.3	75.1	80.1	82.8	84.0	84.5	84.8	85.2	85.7	86.0	86.4
≥ 500		42.1	50.6	53.2	64.7	69.8	77.2	83.0	86.0	87.6	88.1	88.6	88.9	89.4	89.8	90.1
≥ 400		42.2	50.8	53.3	65.2	70.5	77.9	84.2	87.4	89.3	89.8	90.3	90.6	91.1	91.5	91.8
≥ 300		42.2	50.8	53.5	66.1	72.1	79.4	86.2	89.4	91.3	92.0	92.5	92.8	93.4	93.7	94.0
≥ 200		42.2	50.8	53.5	66.3	72.7	80.2	87.6	91.1	93.4	94.0	94.7	95.1	95.9	96.3	96.6
≥ 100		42.2	50.8	53.5	66.3	72.9	80.4	87.7	91.3	93.5	94.4	95.1	95.6	96.8	97.4	98.3
≥ 0		42.2	50.8	53.5	66.3	72.9	80.4	87.7	91.3	93.5	94.4	95.1	95.6	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 587

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 41-63, 70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		8.8	9.3	10.0	10.6	10.9	12.5	13.8	13.8	14.3	14.6	14.8	15.3	15.4	15.4	15.9
≥ 20000		10.8	11.6	12.4	13.5	13.8	15.4	17.4	17.5	18.6	19.0	19.1	19.6	19.8	19.8	20.3
≥ 18000		10.8	11.6	12.4	13.5	13.8	15.4	17.4	17.5	18.6	19.0	19.1	19.6	19.8	19.8	20.3
≥ 16000		10.8	11.6	12.4	13.5	13.8	15.4	17.4	17.5	18.6	19.0	19.1	19.6	19.8	19.8	20.3
≥ 14000		11.1	11.9	12.7	13.8	14.1	15.8	17.7	17.8	19.0	19.3	19.5	19.9	20.1	20.1	20.6
≥ 12000		12.1	12.9	13.7	14.8	15.1	16.7	18.8	19.1	20.3	20.6	20.7	21.2	21.4	21.4	21.9
≥ 10000		13.2	14.6	15.4	16.9	17.2	18.8	20.9	21.2	22.3	22.7	22.8	23.3	23.5	23.5	24.0
≥ 9000		13.8	15.3	16.1	17.5	17.8	19.5	21.5	21.9	23.0	23.3	23.5	24.0	24.1	24.4	24.9
≥ 8000		15.1	16.6	17.4	19.0	19.6	21.2	23.3	23.6	24.8	25.1	25.2	25.7	25.9	26.2	26.7
≥ 7000		16.1	17.7	18.8	20.6	21.5	23.5	25.6	25.9	27.0	27.3	27.5	28.0	28.1	28.5	28.9
≥ 6000		16.6	18.2	19.3	21.1	22.0	24.1	26.2	26.5	27.7	28.0	28.1	28.6	28.8	29.1	29.6
≥ 5000		18.8	21.1	22.2	24.1	25.2	27.5	29.6	29.9	31.4	31.7	31.8	32.3	32.5	32.8	33.3
≥ 4500		19.8	22.3	23.6	26.2	27.8	30.9	33.0	33.3	34.9	35.2	35.4	35.9	36.0	36.3	36.8
≥ 4000		21.1	23.6	24.9	27.5	29.3	32.5	34.7	35.0	36.7	37.0	37.1	37.6	37.8	38.1	38.6
≥ 3500		23.2	25.7	27.0	29.7	31.5	35.4	38.3	38.6	40.2	40.5	40.7	41.2	41.3	41.6	42.1
≥ 3000		26.0	28.8	30.5	33.8	35.5	39.5	42.6	42.9	44.5	44.9	45.0	45.5	45.7	46.0	46.5
≥ 2500		29.3	32.2	34.1	37.6	39.5	43.9	47.1	47.4	49.4	49.7	49.8	50.3	50.5	50.8	51.3
≥ 2000		32.0	35.7	37.8	42.1	44.2	48.6	52.6	52.9	55.3	55.6	55.8	56.3	56.4	56.8	57.2
≥ 1800		33.4	37.1	39.2	43.7	45.8	50.3	54.3	54.8	57.2	57.6	57.7	58.2	58.4	58.7	59.2
≥ 1500		35.7	39.7	42.4	48.4	50.5	55.1	59.6	60.1	62.5	62.9	63.0	63.5	63.7	64.0	64.5
≥ 1200		38.3	43.2	46.5	53.1	55.6	60.5	65.1	65.8	68.2	68.5	68.6	69.1	69.3	69.6	70.1
≥ 1000		39.7	44.9	48.1	55.5	58.0	62.9	68.3	69.3	71.7	72.0	72.2	72.7	72.8	73.2	73.6
≥ 900		40.5	45.8	49.0	56.8	59.6	64.8	70.6	71.5	74.0	74.3	74.4	74.9	75.1	75.4	75.9
≥ 800		40.8	46.1	49.4	57.2	60.3	65.9	71.9	73.0	75.4	75.7	76.0	76.5	76.7	77.0	77.5
≥ 700		41.8	47.1	50.3	58.5	61.6	67.8	74.0	75.1	77.7	78.0	78.3	78.8	78.9	79.3	79.7
≥ 600		42.1	48.1	51.3	59.8	62.9	69.3	76.7	78.0	80.9	81.2	81.5	82.0	82.2	82.5	83.0
≥ 500		42.3	48.4	51.6	60.8	64.3	71.1	78.8	80.2	83.3	83.6	83.9	84.4	84.6	84.9	85.4
≥ 400		42.6	48.7	52.4	62.1	65.8	72.8	80.9	83.0	86.0	86.5	86.8	87.3	87.5	87.8	88.3
≥ 300		42.8	48.9	52.7	62.9	66.9	74.3	83.3	85.4	88.7	89.2	89.5	90.2	90.5	90.8	91.3
≥ 200		42.8	48.9	52.7	63.0	67.2	74.6	84.7	87.5	91.2	91.6	92.0	92.9	93.6	93.9	94.9
≥ 100		42.8	48.9	52.7	63.0	67.2	74.6	85.0	87.9	91.6	92.1	92.6	93.6	94.7	95.5	96.9
≥ 0		42.8	48.9	52.7	63.0	67.2	74.6	85.0	87.9	91.6	92.1	92.8	93.7	95.0	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 622

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		8.6	8.7	9.2	9.2	9.5	10.5	11.4	11.5	11.5	11.5	11.9	11.9	12.3	12.5	12.5
≥ 20000		11.4	12.0	12.8	13.6	14.2	15.1	16.2	16.7	17.3	17.3	17.6	17.6	18.1	18.4	18.4
≥ 18000		11.7	12.3	13.1	13.9	14.5	15.4	16.5	17.0	17.6	17.6	17.9	17.9	18.4	18.7	18.7
≥ 16000		11.7	12.3	13.1	13.9	14.5	15.4	16.5	17.0	17.6	17.6	17.9	17.9	18.4	18.7	18.7
≥ 14000		12.0	12.6	13.4	14.2	14.8	15.8	16.8	17.3	17.9	17.9	18.3	18.3	18.7	19.0	19.0
≥ 12000		12.6	13.3	14.0	14.8	15.4	16.4	17.5	17.9	18.6	18.6	18.9	18.9	19.3	19.7	19.7
≥ 10000		13.9	14.5	15.3	16.4	17.0	17.9	19.2	19.8	20.4	20.4	20.7	20.7	21.2	21.5	21.8
≥ 9000		14.7	15.4	16.5	17.6	18.3	19.2	20.4	21.1	21.7	21.7	22.0	22.0	22.6	22.9	23.2
≥ 8000		15.8	16.7	17.8	19.0	19.8	21.2	22.5	23.1	23.7	23.7	24.0	24.0	24.6	25.0	25.3
≥ 7000		15.9	17.2	18.3	19.5	20.4	22.0	23.6	24.2	24.8	24.8	25.1	25.1	25.7	26.1	26.4
≥ 6000		17.0	18.4	19.5	20.7	21.7	23.6	25.3	25.9	26.5	26.5	26.8	26.8	27.5	27.8	28.1
≥ 5000		18.9	20.7	21.8	23.2	24.5	26.5	28.4	29.6	30.3	30.3	30.6	30.6	31.2	31.5	31.8
≥ 4500		20.3	22.2	23.4	25.1	26.5	28.7	30.6	32.0	32.6	32.9	33.2	33.2	33.9	34.2	34.5
≥ 4000		21.4	23.2	24.5	26.2	27.9	30.3	32.1	33.9	34.5	34.9	35.3	35.3	35.9	36.2	36.5
≥ 3500		24.0	26.5	27.9	29.8	31.8	34.6	36.8	38.7	39.6	40.1	40.4	40.4	41.0	41.3	41.7
≥ 3000		25.9	28.9	31.0	33.9	35.9	38.8	41.0	42.9	44.0	44.5	44.8	44.9	45.6	45.9	46.2
≥ 2500		27.8	30.9	33.1	36.2	38.4	41.5	43.7	45.6	46.6	47.1	47.4	47.7	48.4	48.7	49.1
≥ 2000		30.6	34.8	37.8	42.0	44.8	48.7	50.9	52.7	54.0	54.4	54.8	55.1	55.7	56.0	56.5
≥ 1800		32.4	37.0	39.9	44.1	47.0	50.9	53.0	54.9	56.2	56.6	56.9	57.3	57.9	58.2	58.7
≥ 1500		33.5	38.4	41.5	46.3	49.1	53.0	55.5	57.4	58.7	59.3	59.6	59.9	60.5	60.8	61.3
≥ 1200		35.7	40.7	44.1	49.3	52.4	56.6	59.3	61.2	62.4	63.0	63.3	63.7	64.3	64.6	65.1
≥ 1000		37.3	42.9	46.6	52.6	56.3	60.8	63.8	65.8	67.1	67.7	68.0	68.3	69.0	69.3	69.7
≥ 900		37.6	43.2	47.1	53.2	56.9	61.6	64.7	66.9	68.2	68.8	69.1	69.4	70.0	70.4	70.8
≥ 800		38.7	44.6	48.7	55.1	58.8	63.5	66.8	69.0	70.2	70.8	71.1	71.5	72.1	72.4	72.9
≥ 700		39.0	45.6	49.6	56.2	60.1	64.9	68.5	70.7	71.9	72.5	72.9	73.2	73.8	74.1	74.6
≥ 600		39.8	46.8	50.9	57.9	62.1	67.6	71.9	74.3	75.5	76.1	76.4	76.8	77.4	77.7	78.2
≥ 500		40.2	47.7	52.0	59.9	64.1	70.2	75.4	78.2	79.7	80.7	81.0	81.3	81.9	82.2	82.8
≥ 400		40.9	48.5	53.0	61.6	65.8	72.4	78.6	82.1	83.6	84.6	85.0	85.3	86.1	86.4	87.1
≥ 300		41.2	49.0	53.5	62.4	66.9	73.5	80.7	84.4	86.4	87.7	88.1	88.5	89.2	89.5	90.3
≥ 200		41.2	49.0	53.5	62.4	66.9	73.6	81.1	85.5	87.8	89.4	90.0	90.5	91.6	91.9	93.6
≥ 100		41.2	49.0	53.5	62.4	66.9	73.6	81.3	85.8	88.3	89.9	90.6	91.4	92.8	93.3	95.3
≥ 0		41.2	49.0	53.5	62.4	66.9	73.6	81.3	85.8	88.3	89.9	90.8	91.6	93.6	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 641

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		7.4	8.2	8.3	8.5	8.6	10.2	11.1	11.4	11.4	11.4	11.6	11.6	11.6	11.6	11.9
≥ 20000		11.4	12.7	13.6	15.0	15.5	17.9	19.7	20.4	20.5	20.7	20.8	21.0	21.0	21.0	21.5
≥ 18000		11.4	12.7	13.6	15.0	15.5	18.0	19.9	20.5	20.7	20.8	21.0	21.2	21.2	21.2	21.6
≥ 16000		11.4	12.7	13.6	15.0	15.5	18.0	19.9	20.5	20.7	20.8	21.0	21.2	21.2	21.2	21.6
≥ 14000		11.9	13.2	14.1	15.5	16.1	18.7	20.5	21.2	21.3	21.5	21.6	21.8	21.8	21.8	22.3
≥ 12000		12.5	13.8	14.7	16.1	16.9	19.6	21.5	22.1	22.3	22.4	22.6	22.7	22.7	22.7	23.2
≥ 10000		13.8	15.4	16.3	17.9	18.8	21.5	23.4	24.0	24.1	24.3	24.5	24.6	24.6	24.6	25.1
≥ 9000		14.3	16.0	16.9	18.5	19.4	22.1	24.0	24.6	24.8	24.9	25.1	25.2	25.2	25.2	25.7
≥ 8000		15.2	17.1	18.3	19.9	20.8	23.7	25.5	26.2	26.3	26.5	26.6	26.8	26.8	26.8	27.3
≥ 7000		15.4	17.4	18.7	20.2	21.2	24.1	26.2	26.8	27.0	27.1	27.3	27.4	27.4	27.4	27.9
≥ 6000		15.5	17.6	18.8	20.4	21.5	24.5	26.6	27.3	27.4	27.6	27.7	27.9	27.9	27.9	28.4
≥ 5000		17.1	19.1	20.4	22.1	23.2	26.2	29.0	29.8	29.9	30.1	30.3	30.4	30.4	30.4	30.9
≥ 4500		18.7	20.7	21.9	24.5	26.0	29.0	32.0	32.8	32.9	33.1	33.2	33.4	33.4	33.4	33.9
≥ 4000		19.6	21.9	23.2	26.2	27.7	30.7	33.7	34.6	34.8	35.3	35.4	35.6	35.6	35.6	36.1
≥ 3500		20.5	23.0	24.5	27.7	29.5	32.6	35.7	36.8	37.0	37.8	37.9	38.1	38.1	38.1	38.6
≥ 3000		23.4	26.2	27.6	31.2	33.1	36.5	39.7	40.8	40.9	41.7	41.8	42.0	42.0	42.0	42.5
≥ 2500		27.3	30.4	32.0	36.4	38.4	41.8	45.1	46.2	46.6	47.3	47.5	47.6	47.6	47.6	48.3
≥ 2000		30.9	35.3	37.5	42.5	45.0	48.7	52.2	53.4	53.8	54.5	54.7	55.0	55.0	55.0	55.6
≥ 1800		31.8	36.2	38.4	43.4	45.9	49.8	53.3	54.7	55.0	55.8	56.0	56.3	56.3	56.3	56.9
≥ 1500		35.0	39.7	42.2	47.3	50.0	54.1	57.5	58.9	59.2	60.0	60.2	60.5	60.5	60.5	61.1
≥ 1200		38.2	42.9	45.8	52.0	55.0	59.4	63.2	64.6	64.9	65.7	65.8	66.1	66.1	66.1	66.8
≥ 1000		41.5	46.2	49.1	55.8	58.8	63.2	67.1	68.7	69.1	70.1	70.2	70.5	70.5	70.5	71.2
≥ 900		42.5	47.2	50.2	57.1	60.2	64.7	68.8	70.7	71.2	72.1	72.3	72.6	72.6	72.6	73.2
≥ 800		44.5	49.5	52.7	59.6	63.0	67.7	71.9	73.8	74.3	75.2	75.4	75.9	76.0	76.0	76.6
≥ 700		45.6	50.8	54.4	62.1	65.5	70.5	75.4	77.4	78.1	79.0	79.2	79.6	79.8	79.8	80.4
≥ 600		46.4	52.5	56.1	64.4	68.5	73.5	78.8	81.0	82.1	83.1	83.2	83.7	83.9	83.9	84.5
≥ 500		46.6	53.1	57.1	65.5	70.1	75.1	80.9	83.7	85.4	86.5	86.7	87.3	87.5	87.5	88.1
≥ 400		46.9	53.4	57.4	66.0	70.5	75.5	82.1	85.1	87.3	88.4	88.6	89.2	89.3	89.3	90.0
≥ 300		46.9	53.4	57.4	66.1	70.7	75.7	82.8	86.2	90.3	92.0	92.2	92.9	93.6	93.6	94.2
≥ 200		47.0	53.6	57.5	66.5	71.0	76.3	83.5	87.1	91.2	93.4	93.7	94.5	95.5	95.5	96.1
≥ 100		47.0	53.6	57.5	66.5	71.0	76.3	83.5	87.1	91.2	93.4	93.9	95.0	96.4	96.6	97.5
≥ 0		47.0	53.6	57.5	66.5	71.0	76.3	83.5	87.1	91.2	93.4	93.9	95.0	97.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 638

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		7.8	8.5	8.8	9.4	10.6	11.7	11.8	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 20000		14.4	15.1	15.7	17.1	18.4	19.8	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 18000		14.4	15.1	15.7	17.1	18.4	19.8	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 16000		14.4	15.1	15.7	17.1	18.4	19.8	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 14000		14.7	15.4	16.0	17.4	18.9	20.2	20.5	20.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000		15.0	16.0	16.8	18.1	19.6	21.0	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 10000		16.6	17.7	18.4	20.1	21.7	23.1	23.5	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 9000		17.4	18.4	19.2	21.0	22.8	24.1	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 8000		18.6	19.8	20.8	22.8	24.6	25.9	26.3	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 7000		19.2	20.4	21.4	23.4	25.3	26.6	27.1	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 6000		19.3	20.7	21.7	23.7	25.9	27.2	27.7	28.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 5000		21.1	23.4	24.6	26.5	28.9	30.7	31.3	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 4500		22.8	25.1	26.6	29.2	31.7	33.7	34.3	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 4000		23.8	26.5	28.0	30.7	33.2	35.2	35.9	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 3500		26.5	29.2	30.8	33.8	36.5	38.5	39.4	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 3000		30.2	32.9	34.6	37.7	40.7	42.7	44.0	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 2500		36.4	39.4	41.3	44.6	47.6	49.7	51.2	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 2000		42.5	46.3	48.5	52.2	55.8	58.4	60.0	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 1800		45.7	49.7	52.1	56.0	59.9	62.4	64.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1500		49.3	54.5	57.6	61.8	65.7	68.3	69.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1200		51.3	56.9	60.8	65.4	69.3	72.0	74.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1000		53.6	59.6	64.1	69.0	73.1	76.2	78.9	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 900		53.7	60.2	64.7	70.1	74.1	77.5	80.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 800		54.9	61.5	66.3	72.0	76.6	80.4	83.2	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700		55.7	62.3	67.1	72.8	77.4	81.3	84.3	85.9	86.2	86.5	86.5	86.8	86.8	86.8	86.8
≥ 600		56.1	62.9	67.8	74.1	79.0	83.4	87.1	89.1	89.5	90.0	90.0	90.3	90.3	90.3	90.3
≥ 500		56.1	63.0	68.0	74.6	80.1	84.4	88.6	90.7	91.5	91.9	91.9	92.2	92.2	92.2	92.2
≥ 400		56.1	63.0	68.0	75.0	80.7	85.5	90.6	93.0	94.3	94.8	94.9	95.2	95.2	95.2	95.2
≥ 300		56.1	63.0	68.1	75.3	81.3	86.1	91.3	94.2	95.8	96.6	96.7	97.0	97.2	97.2	97.2
≥ 200		56.1	63.0	68.1	75.3	81.3	86.1	91.5	94.5	96.3	97.6	97.8	98.1	98.2	98.2	98.2
≥ 100		56.1	63.0	68.1	75.3	81.3	86.1	91.5	94.5	96.3	97.6	98.1	98.4	98.8	98.8	99.0
≥ 0		56.1	63.0	68.1	75.3	81.3	86.1	91.5	94.5	96.3	97.6	98.1	98.4	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 668

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		10.9	11.3	11.8	12.1	13.1	13.9	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.0
≥ 20000		21.6	22.3	23.2	24.3	25.5	26.5	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5
≥ 18000		21.7	22.5	23.4	24.5	25.7	26.6	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.7
≥ 16000		21.9	22.6	23.5	24.8	26.0	26.9	27.8	27.8	27.8	27.8	27.8	27.8	27.8	28.0
≥ 14000		22.5	23.4	24.3	25.5	26.8	27.7	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.7
≥ 12000		23.4	24.5	25.5	26.8	28.0	28.9	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4
≥ 10000		25.4	26.5	27.5	28.7	30.0	30.9	32.3	32.6	32.7	32.7	32.7	32.7	32.7	32.9
≥ 9000		26.6	28.0	29.1	30.4	31.7	32.6	33.9	34.3	34.4	34.4	34.4	34.4	34.4	34.6
≥ 8000		27.2	28.7	30.1	31.5	32.7	33.6	35.0	35.3	35.5	35.5	35.5	35.5	35.5	35.6
≥ 7000		27.7	29.2	30.7	32.3	33.5	34.6	35.9	36.4	36.5	36.5	36.5	36.5	36.5	36.7
≥ 6000		28.4	30.1	31.7	33.3	34.6	35.6	37.0	37.5	37.6	37.6	37.6	37.6	37.6	37.8
≥ 5000		30.9	33.2	34.7	37.0	38.5	39.8	41.1	41.6	41.9	41.9	41.9	41.9	41.9	42.0
≥ 4500		31.5	34.1	35.9	38.8	40.5	41.9	43.6	44.0	44.3	44.3	44.3	44.3	44.3	44.5
≥ 4000		33.8	36.4	38.2	41.6	43.4	44.8	46.5	46.9	47.2	47.2	47.2	47.2	47.2	47.4
≥ 3500		36.9	39.4	41.3	45.1	47.6	48.9	50.6	51.1	51.5	51.5	51.5	51.5	51.5	51.7
≥ 3000		41.4	44.2	46.0	50.5	53.1	54.7	56.7	57.2	57.6	57.6	57.8	57.8	57.8	58.0
≥ 2500		45.1	48.0	50.3	54.7	57.5	59.6	62.1	62.5	63.0	63.1	63.3	63.3	63.3	63.5
≥ 2000		48.6	51.8	55.2	59.9	63.1	65.4	67.9	68.3	68.8	69.0	69.1	69.1	69.1	69.3
≥ 1800		50.3	53.8	57.2	62.2	65.4	67.7	70.3	70.9	71.4	71.6	71.7	71.7	71.7	71.9
≥ 1500		52.9	57.0	60.6	66.1	69.4	72.0	75.2	75.8	76.3	76.5	76.6	76.6	76.6	76.8
≥ 1200		54.4	59.3	63.6	70.5	74.0	77.1	80.7	81.3	81.8	82.0	82.1	82.1	82.1	82.3
≥ 1000		56.0	61.0	65.4	72.5	76.6	80.0	83.6	84.6	85.0	85.2	85.3	85.3	85.3	85.5
≥ 900		56.3	61.3	66.1	73.2	77.4	80.7	85.2	86.2	86.7	86.9	87.0	87.0	87.0	87.2
≥ 800		56.9	62.2	67.0	74.8	79.1	82.7	87.5	88.5	89.0	89.1	89.3	89.3	89.3	89.4
≥ 700		57.2	62.8	67.7	76.0	80.4	84.1	89.1	90.2	90.7	91.0	91.1	91.1	91.1	91.3
≥ 600		57.8	63.5	68.7	77.4	82.3	86.1	91.3	92.5	93.1	93.4	93.6	93.7	93.7	93.9
≥ 500		57.8	63.6	68.8	77.8	82.9	86.7	92.0	93.3	94.2	94.6	94.8	95.0	95.0	95.1
≥ 400		58.0	63.8	69.0	78.3	83.6	87.5	92.8	94.3	95.4	96.0	96.2	96.3	96.3	96.5
≥ 300		58.0	63.8	69.0	78.9	84.3	88.1	94.0	95.9	97.2	98.2	98.3	98.5	98.5	98.6
≥ 200		58.0	63.8	69.0	78.9	84.3	88.1	94.2	96.0	97.4	98.6	98.8	99.1	99.1	99.2
≥ 100		58.0	63.8	69.0	78.9	84.3	88.1	94.2	96.0	97.4	98.6	98.8	99.1	99.1	99.2
≥ 0		58.0	63.8	69.0	78.9	84.3	88.1	94.2	96.0	97.4	98.6	98.8	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 654

USAF ETAC FORM AWS 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.5	12.8	14.6	15.4	17.0	18.5	19.6	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 20000		17.2	19.3	21.7	23.9	25.4	27.0	28.0	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 18000		17.4	19.6	22.0	24.1	25.7	27.2	28.3	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 16000		17.4	19.6	22.0	24.1	25.7	27.2	28.3	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 14000		17.6	19.8	22.2	24.6	26.1	27.6	28.7	29.3	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 12000		17.8	20.2	22.6	25.0	26.5	28.3	29.6	30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 10000		19.1	21.7	24.1	26.5	28.0	29.8	31.3	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 9000		19.8	22.4	25.?	27.6	29.3	31.1	32.6	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000		20.2	22.8	25.7	28.3	30.2	32.4	34.1	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 7000		20.9	23.5	26.3	28.9	31.1	33.9	35.7	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 6000		20.9	23.7	26.5	29.1	31.3	34.1	35.9	36.5	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 5000		23.7	26.5	29.3	33.0	35.2	38.0	40.0	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 4500		26.7	29.6	32.4	37.0	39.1	42.2	44.1	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 4000		27.4	30.2	33.0	38.3	40.7	43.7	45.9	46.7	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 3500		29.3	33.0	35.9	42.0	44.3	47.8	50.7	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 3000		32.2	36.3	39.1	45.4	48.0	51.7	54.6	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2500		34.8	39.8	43.9	51.3	54.6	58.7	62.0	62.8	63.5	63.5	63.5	63.7	63.7	63.7	63.7
≥ 2000		40.7	46.1	50.9	58.9	62.2	67.0	70.4	71.3	72.2	72.2	72.2	72.4	72.4	72.4	72.4
≥ 1800		42.2	48.3	53.7	62.2	65.4	70.7	74.3	75.2	76.1	76.1	76.1	76.3	76.3	76.3	76.3
≥ 1500		44.3	50.7	56.3	64.8	68.3	73.7	77.6	78.7	79.6	79.6	79.6	79.8	79.8	79.8	79.8
≥ 1200		45.4	52.0	57.8	67.0	70.4	76.1	80.4	81.5	82.4	82.4	82.4	82.6	82.6	82.6	82.6
≥ 1000		46.7	53.3	59.6	69.8	73.9	79.8	85.0	86.3	87.2	87.2	87.2	87.4	87.4	87.4	87.4
≥ 900		47.2	54.1	60.4	70.7	74.8	80.9	87.0	88.3	89.1	89.1	89.1	89.3	89.3	89.3	89.3
≥ 800		47.8	54.8	61.1	72.0	76.1	82.2	88.3	89.6	90.4	90.4	90.4	90.7	90.7	90.7	90.7
≥ 700		47.8	55.0	61.3	72.6	76.7	82.8	89.3	90.9	91.7	91.7	91.7	92.0	92.0	92.0	92.0
≥ 600		48.3	55.7	62.2	73.7	78.0	84.1	91.1	92.8	93.7	93.7	93.9	93.9	93.9	93.9	93.9
≥ 500		48.3	55.7	62.2	73.9	78.3	84.3	91.3	93.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3
≥ 400		48.5	56.1	62.6	74.6	78.9	85.4	92.6	94.3	95.4	95.7	95.9	96.1	96.1	96.1	96.1
≥ 300		48.5	56.1	62.8	75.0	79.3	86.1	93.3	95.2	97.0	97.2	97.4	97.6	97.6	97.6	97.6
≥ 200		48.5	56.1	62.8	75.0	79.3	86.3	93.5	95.4	97.6	98.3	98.5	98.7	98.9	98.9	98.9
≥ 100		48.5	56.1	62.8	75.0	79.3	86.3	93.5	95.4	97.6	98.5	98.7	99.1	99.3	99.3	99.3
≥ 0		48.5	56.1	62.8	75.0	79.3	86.3	93.5	95.4	97.6	98.5	98.7	99.1	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 460

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-71,73 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		10.8	14.2	16.1	17.1	19.6	21.8	22.2	22.8	23.1	23.1	23.1	23.4	23.4	23.4	23.4
≥ 20000		12.3	16.1	18.7	20.9	23.4	25.9	26.3	26.9	27.5	27.5	27.5	27.8	27.8	27.8	27.8
≥ 18000		12.3	16.1	18.7	20.9	23.4	25.9	26.3	26.9	27.5	27.5	27.5	27.8	27.8	27.8	27.8
≥ 16000		12.3	16.1	18.7	20.9	23.4	25.9	26.3	26.9	27.5	27.5	27.5	27.8	27.8	27.8	27.8
≥ 14000		12.7	16.8	19.3	22.2	24.7	27.2	27.5	28.2	28.8	28.8	28.8	29.1	29.1	29.1	29.1
≥ 12000		12.7	17.1	19.6	23.1	25.6	28.2	28.8	29.4	30.1	30.1	30.1	30.4	30.4	30.4	30.4
≥ 10000		13.3	18.4	20.9	24.4	26.9	29.4	30.1	30.7	31.3	31.3	31.3	31.6	31.6	31.6	31.6
≥ 9000		13.6	18.7	21.8	25.3	27.8	30.4	31.0	31.6	32.3	32.3	32.3	32.6	32.6	32.6	32.6
≥ 8000		14.2	20.3	23.7	27.2	30.7	33.2	33.9	34.5	35.1	35.1	35.1	35.4	35.4	35.4	35.4
≥ 7000		15.2	21.2	25.0	28.5	32.0	36.1	36.7	37.3	38.0	38.0	38.0	38.3	38.3	38.3	38.3
≥ 6000		15.5	21.5	25.3	28.8	32.3	36.4	37.0	37.7	38.3	38.3	38.3	38.6	38.6	38.6	38.6
≥ 5000		17.4	23.4	27.2	30.7	34.2	38.3	38.9	39.6	40.2	40.2	40.2	40.5	40.5	40.5	40.5
≥ 4500		20.6	27.2	31.0	35.4	39.2	43.4	44.3	44.9	45.9	45.9	45.9	46.2	46.2	46.2	46.2
≥ 4000		21.5	28.2	32.0	36.4	40.2	44.3	45.3	45.9	46.8	46.8	46.8	47.2	47.2	47.2	47.2
≥ 3500		22.8	30.1	34.2	38.9	43.0	47.5	48.4	49.1	50.0	50.0	50.0	50.3	50.3	50.3	50.3
≥ 3000		23.7	31.3	35.4	40.5	44.9	49.4	50.9	51.6	52.5	52.5	52.5	52.8	52.8	52.8	52.8
≥ 2500		28.5	36.7	41.8	46.8	51.6	57.0	58.5	59.8	60.8	60.8	60.8	61.1	61.1	61.1	61.1
≥ 2000		33.2	41.5	46.5	51.6	56.3	62.3	64.6	65.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1
≥ 1800		34.8	43.0	48.4	54.1	58.9	65.2	67.4	68.7	69.6	69.6	69.6	69.9	69.9	69.9	69.9
≥ 1500		36.4	44.6	50.3	56.0	60.8	67.7	69.9	71.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5
≥ 1200		39.2	49.1	54.7	60.8	65.5	73.4	76.9	78.2	79.1	79.1	79.1	79.4	79.4	79.4	79.4
≥ 1000		40.5	50.9	57.0	63.3	68.0	76.3	79.7	81.0	82.0	82.0	82.0	82.3	82.3	82.3	82.3
≥ 900		42.1	52.8	59.5	66.5	71.2	79.4	82.9	84.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8
≥ 800		42.4	53.2	60.1	67.7	72.5	81.3	84.8	87.0	88.0	88.3	88.3	88.6	88.6	88.6	88.6
≥ 700		43.0	53.8	61.1	69.9	75.0	84.2	87.7	90.5	91.5	91.8	91.8	92.1	92.1	92.1	92.1
≥ 600		43.0	53.8	61.1	70.3	75.3	84.5	88.0	90.8	91.8	92.1	92.1	92.4	92.4	92.4	92.4
≥ 500		43.4	54.1	61.4	70.9	76.3	85.4	88.9	92.1	93.0	93.4	93.4	93.7	93.7	93.7	94.0
≥ 400		43.4	54.4	61.7	71.2	76.6	85.8	89.6	92.7	93.7	94.0	94.0	94.3	94.3	94.3	94.6
≥ 300		43.4	54.4	62.0	71.8	77.2	87.3	91.5	94.6	95.6	95.9	95.9	96.2	96.2	96.2	96.5
≥ 200		43.4	54.4	62.0	71.8	77.2	87.3	91.5	95.3	96.5	97.2	97.2	97.5	97.5	97.5	97.8
≥ 100		43.4	54.4	62.0	71.8	77.5	87.7	91.8	95.9	97.5	98.1	98.1	98.4	98.4	98.4	98.7
≥ 0		43.4	54.4	62.0	71.8	77.5	87.7	91.8	95.9	97.5	98.1	98.1	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 316

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		9.0	10.0	10.6	11.1	12.0	13.4	14.3	14.5	14.7	14.8	14.9	15.0	15.2	15.2	15.4
≥ 20000		13.7	15.2	16.2	17.5	18.5	20.2	21.3	21.7	22.1	22.2	22.4	22.5	22.7	22.7	22.9
≥ 18000		13.8	15.2	16.3	17.6	18.6	20.3	21.4	21.8	22.2	22.4	22.5	22.6	22.8	22.9	23.0
≥ 16000		13.8	15.3	16.3	17.6	18.6	20.3	21.5	21.8	22.3	22.4	22.5	22.7	22.8	22.9	23.1
≥ 14000		14.2	15.7	16.7	18.1	19.2	20.8	22.0	22.4	22.8	22.9	23.0	23.2	23.3	23.4	23.6
≥ 12000		14.7	16.4	17.5	18.9	20.0	21.7	23.0	23.4	23.8	23.9	24.0	24.2	24.3	24.4	24.6
≥ 10000		16.3	18.2	19.3	20.9	22.0	23.7	25.1	25.6	26.0	26.1	26.3	26.4	26.6	26.6	26.9
≥ 9000		17.0	19.0	20.3	22.0	23.1	24.8	26.2	26.7	27.1	27.2	27.3	27.5	27.7	27.8	28.0
≥ 8000		17.9	20.1	21.5	23.3	24.7	26.6	28.0	28.5	28.9	29.0	29.2	29.3	29.5	29.6	29.9
≥ 7000		18.5	20.8	22.3	24.1	25.7	27.9	29.3	29.9	30.3	30.4	30.5	30.7	30.9	31.0	31.2
≥ 6000		18.9	21.3	22.9	24.7	26.4	28.6	30.1	30.7	31.1	31.2	31.3	31.5	31.7	31.8	32.0
≥ 5000		20.9	23.7	25.3	27.4	29.2	31.6	33.3	33.9	34.5	34.6	34.7	34.8	35.0	35.1	35.4
≥ 4500		22.5	25.5	27.2	30.0	32.1	34.7	36.5	37.2	37.8	38.0	38.1	38.2	38.4	38.5	38.8
≥ 4000		23.7	26.7	28.4	31.5	33.7	36.4	38.2	39.1	39.6	39.8	39.9	40.1	40.3	40.4	40.6
≥ 3500		25.8	29.1	30.9	34.4	36.7	39.7	41.8	42.7	43.4	43.6	43.7	43.9	44.1	44.2	44.4
≥ 3000		28.6	32.2	34.2	38.2	40.7	43.8	46.1	47.0	47.7	48.0	48.1	48.3	48.4	48.6	48.8
≥ 2500		32.3	36.2	38.6	43.0	45.6	49.1	51.5	52.5	53.2	53.6	53.7	53.9	54.1	54.2	54.5
≥ 2000		36.3	40.8	43.7	48.7	51.8	55.6	58.4	59.4	60.3	60.6	60.8	61.0	61.2	61.3	61.6
≥ 1800		38.0	42.8	45.8	51.0	54.1	58.1	60.9	62.0	62.9	63.2	63.3	63.6	63.8	63.9	64.2
≥ 1500		40.3	45.7	49.0	54.8	58.0	62.1	65.3	66.4	67.3	67.6	67.8	68.0	68.2	68.3	68.6
≥ 1200		42.6	48.4	52.2	58.6	62.1	66.6	70.1	71.3	72.2	72.5	72.7	72.9	73.1	73.2	73.5
≥ 1000		44.6	50.8	54.8	61.8	65.5	70.2	74.1	75.5	76.4	76.8	76.9	77.2	77.3	77.5	77.8
≥ 900		45.2	51.5	55.6	63.0	66.8	71.6	75.8	77.3	78.3	78.6	78.8	79.0	79.2	79.3	79.6
≥ 800		46.1	52.6	56.9	64.6	68.6	73.8	78.1	79.7	80.7	81.1	81.2	81.5	81.7	81.8	82.1
≥ 700		46.8	53.5	57.8	65.9	70.0	75.4	80.1	81.9	82.9	83.3	83.5	83.8	84.0	84.1	84.4
≥ 600		47.3	54.3	58.7	67.4	71.7	77.4	82.6	84.6	85.7	86.2	86.4	86.7	86.9	87.0	87.3
≥ 500		47.5	54.7	59.2	68.3	73.0	78.8	84.4	86.7	88.1	88.7	88.9	89.2	89.4	89.6	89.9
≥ 400		47.7	55.0	59.6	69.0	73.8	79.9	86.0	88.6	90.3	90.9	91.2	91.5	91.7	91.9	92.2
≥ 300		47.8	55.1	59.8	69.6	74.6	80.8	87.5	90.3	92.5	93.3	93.6	94.0	94.3	94.5	94.8
≥ 200		47.8	55.1	59.8	69.7	74.8	81.1	88.1	91.2	93.6	94.8	95.1	95.6	96.1	96.2	96.8
≥ 100		47.8	55.1	59.8	69.7	74.8	81.1	88.2	91.4	93.9	95.1	95.5	96.1	96.9	97.2	98.0
≥ 0		47.8	55.1	59.8	69.7	74.8	81.1	88.2	91.4	93.9	95.1	95.5	96.1	97.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4586

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.4	17.6	19.4	24.1	25.1	27.4	28.4	28.4	29.0	29.0	29.1	29.1	29.1	29.1	29.5
≥ 20000		18.2	19.7	21.5	28.1	29.5	32.6	34.2	34.4	34.9	34.9	35.1	35.1	35.1	35.1	35.4
≥ 18000		18.2	19.7	21.5	28.1	29.5	32.6	34.2	34.4	34.9	34.9	35.1	35.1	35.1	35.1	35.4
≥ 16000		18.2	19.7	21.5	28.1	29.5	32.6	34.2	34.4	34.9	34.9	35.1	35.1	35.1	35.1	35.4
≥ 14000		18.2	19.9	21.6	28.3	29.7	33.0	34.7	34.9	35.4	35.4	35.6	35.6	35.6	35.6	36.0
≥ 12000		18.8	20.8	22.5	29.3	30.7	34.0	36.0	36.1	36.6	36.6	36.8	36.8	36.8	36.8	37.2
≥ 10000		20.4	22.3	24.1	30.9	32.6	36.1	38.0	38.2	38.7	38.7	38.9	39.1	39.1	39.1	39.4
≥ 9000		20.4	22.7	24.4	31.2	33.0	36.5	38.4	38.6	39.3	39.3	39.4	39.6	39.6	39.6	40.0
≥ 8000		21.5	23.7	25.5	32.3	34.0	37.5	39.4	39.6	40.3	40.3	40.5	40.7	40.7	40.7	41.0
≥ 7000		21.5	23.7	25.5	32.3	34.0	37.7	39.6	39.8	40.5	40.5	40.7	40.8	40.8	40.8	41.2
≥ 6000		23.2	25.7	27.4	34.6	36.3	40.1	42.2	42.4	43.1	43.1	43.3	43.5	43.5	43.5	43.8
≥ 5000		25.8	28.4	30.2	38.7	40.5	44.5	47.1	47.3	48.0	48.0	48.2	48.3	48.3	48.3	48.7
≥ 4500		26.7	29.3	31.2	40.0	41.9	45.9	48.9	49.0	49.7	49.7	49.9	50.1	50.1	50.1	50.4
≥ 4000		28.1	31.2	33.2	42.2	44.5	48.5	51.5	51.7	52.4	52.4	52.5	52.7	52.7	52.7	53.1
≥ 3500		29.8	33.2	35.4	45.2	47.6	52.2	55.1	55.5	56.2	56.2	56.4	56.5	56.5	56.5	56.9
≥ 3000		32.6	36.3	38.6	48.5	51.3	56.0	59.2	59.9	60.6	60.6	60.7	60.9	60.9	60.9	61.3
≥ 2500		35.4	39.4	41.7	52.0	54.8	59.9	63.2	63.9	64.6	64.6	64.7	64.9	64.9	64.9	65.3
≥ 2000		39.4	44.0	46.6	57.2	60.2	65.4	68.8	69.5	70.2	70.2	70.3	70.7	70.7	70.7	71.0
≥ 1800		40.5	45.0	48.0	58.8	62.0	67.5	70.9	71.6	72.3	72.3	72.4	72.8	72.8	72.8	73.1
≥ 1500		42.4	47.6	50.6	61.8	64.9	70.5	73.8	74.5	75.2	75.2	75.4	75.7	75.7	75.7	76.1
≥ 1200		45.5	51.0	53.9	65.6	68.8	74.7	78.2	78.9	79.6	79.6	79.8	80.1	80.1	80.1	80.5
≥ 1000		46.9	52.9	56.0	68.6	72.3	78.2	81.7	82.4	83.1	83.1	83.2	83.6	83.6	83.6	83.9
≥ 900		49.0	55.1	58.3	71.2	74.9	81.0	84.6	85.3	86.2	86.2	86.4	86.7	86.7	86.7	87.1
≥ 800		49.2	55.7	58.8	72.1	75.7	82.0	86.0	86.7	87.6	87.6	87.8	88.1	88.1	88.1	88.5
≥ 700		49.7	56.2	59.3	72.6	76.8	83.4	87.4	88.1	89.0	89.0	89.2	89.5	89.5	89.5	89.9
≥ 600		49.9	56.5	59.7	73.6	77.8	85.0	89.4	90.1	90.9	90.9	91.1	91.4	91.4	91.4	91.8
≥ 500		49.9	56.7	60.0	74.3	78.5	86.2	90.8	91.8	92.7	92.7	92.8	93.2	93.2	93.2	93.5
≥ 400		50.3	57.2	61.1	75.7	80.3	88.1	93.4	94.6	95.5	95.5	95.6	96.0	96.0	96.0	96.3
≥ 300		50.3	57.2	61.1	75.7	80.3	88.5	93.9	95.3	96.2	96.2	96.3	96.7	96.7	96.7	97.0
≥ 200		50.3	57.2	61.1	75.7	80.3	88.7	94.2	95.8	97.0	97.2	97.6	97.9	97.9	97.9	98.3
≥ 100		50.3	57.2	61.1	75.7	80.3	88.7	94.2	95.8	97.0	97.4	97.7	98.3	99.1	99.1	99.7
≥ 0		50.3	57.2	61.1	75.7	80.3	88.7	94.2	95.8	97.0	97.4	97.7	98.3	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 573

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.6	14.3	16.2	19.0	19.3	21.6	22.2	23.3	23.6	23.6	23.6	24.0	24.0	24.0	24.7
≥ 20000		14.5	16.5	18.4	21.6	22.9	26.0	27.5	29.1	29.4	29.5	29.5	29.9	29.9	29.9	30.6
≥ 18000		14.5	16.5	18.4	21.6	22.9	26.0	27.5	29.1	29.4	29.5	29.5	29.9	29.9	29.9	30.6
≥ 16000		14.5	16.5	18.4	21.6	22.9	26.0	27.5	29.1	29.4	29.5	29.5	29.9	29.9	29.9	30.6
≥ 14000		14.5	16.5	18.4	21.6	22.9	26.0	27.5	29.1	29.4	29.5	29.5	29.9	29.9	29.9	30.6
≥ 12000		14.9	17.3	19.1	22.4	23.6	26.7	28.6	30.3	30.6	30.8	30.8	31.1	31.1	31.1	31.9
≥ 10000		15.4	17.9	19.8	23.2	24.4	27.7	29.7	31.4	31.7	31.9	31.9	32.2	32.2	32.2	33.0
≥ 9000		16.2	18.7	20.5	24.0	25.2	28.5	30.5	32.2	32.5	32.7	32.7	33.0	33.0	33.0	33.7
≥ 8000		16.6	19.1	21.0	24.4	25.7	28.9	30.9	32.7	33.0	33.1	33.1	33.4	33.4	33.4	34.2
≥ 7000		16.8	19.3	21.2	24.6	25.8	29.1	31.1	32.8	33.1	33.3	33.3	33.6	33.6	33.6	34.4
≥ 6000		17.9	20.5	22.4	25.8	27.2	30.5	33.0	34.8	35.1	35.3	35.3	35.6	35.6	35.6	36.5
≥ 5000		20.5	23.3	25.2	29.5	31.3	34.7	37.5	39.5	39.8	40.0	40.0	40.3	40.3	40.3	41.2
≥ 4500		21.3	24.1	26.0	30.6	32.3	36.4	39.5	41.5	41.8	42.0	42.0	42.3	42.3	42.3	43.2
≥ 4000		22.6	25.3	27.2	32.0	33.7	37.8	40.9	42.9	43.2	43.4	43.4	43.7	43.7	43.7	44.6
≥ 3500		26.0	28.9	30.9	36.5	38.6	42.8	45.9	48.1	48.4	48.5	48.5	48.8	48.8	49.0	49.9
≥ 3000		29.5	32.5	34.5	40.3	42.5	47.0	50.1	52.6	52.9	53.0	53.0	53.3	53.3	53.5	54.4
≥ 2500		34.2	37.8	39.8	46.3	48.7	53.7	56.8	59.3	59.6	59.7	59.7	60.0	60.0	60.2	61.1
≥ 2000		37.2	41.1	43.1	50.9	53.2	58.8	61.9	64.4	64.7	64.9	64.9	65.2	65.2	65.3	66.3
≥ 1800		38.6	42.6	44.6	52.6	54.9	60.5	63.6	66.1	66.4	66.6	66.6	66.9	66.9	67.0	68.0
≥ 1500		40.9	45.6	47.6	56.5	58.9	64.7	68.1	70.6	70.9	71.1	71.1	71.4	71.4	71.5	72.5
≥ 1200		42.9	48.5	50.5	59.9	62.4	68.4	72.2	74.7	75.0	75.1	75.1	75.4	75.4	75.6	76.5
≥ 1000		44.2	50.2	52.6	62.2	64.9	70.9	74.7	77.1	77.4	77.6	77.6	77.9	77.9	78.1	79.0
≥ 900		44.6	50.9	53.2	63.5	66.3	72.5	76.4	78.8	79.2	79.3	79.3	79.6	79.6	79.8	80.7
≥ 800		45.3	51.9	54.7	65.2	68.1	74.3	78.4	80.9	81.2	81.3	81.3	81.6	81.6	81.8	82.7
≥ 700		45.4	52.4	55.2	66.9	70.0	76.2	80.4	82.9	83.2	83.4	83.4	83.7	83.7	83.8	84.8
≥ 600		46.0	53.2	56.1	68.4	71.5	77.8	82.3	85.1	85.4	85.5	85.5	85.8	85.8	86.0	86.9
≥ 500		46.7	53.8	56.8	69.8	73.3	79.8	84.8	87.7	88.2	88.3	88.3	88.6	88.6	88.8	89.7
≥ 400		46.7	54.0	57.4	71.2	75.0	81.6	86.9	90.2	90.8	91.1	91.1	91.4	91.4	91.6	92.5
≥ 300		46.7	54.0	57.4	71.4	75.7	82.6	88.0	91.6	92.5	93.2	93.3	93.8	93.8	93.9	94.9
≥ 200		46.7	54.0	57.4	71.4	75.7	82.6	88.0	91.8	92.7	93.5	93.6	94.4	94.4	94.6	95.8
≥ 100		46.7	54.0	57.4	71.4	75.7	82.6	88.2	91.9	93.5	94.4	94.6	95.5	95.5	96.0	97.7
≥ 0		46.7	54.0	57.4	71.4	75.7	82.6	88.2	91.9	93.5	94.6	94.7	95.6	95.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 643

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-62,70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		7.8	9.4	10.4	11.7	12.3	15.1	16.3	16.5	16.8	17.7	17.8	18.0	18.3	18.3	19.4
≥ 20000		12.1	13.7	15.4	17.1	18.8	22.4	24.4	25.1	25.8	26.8	27.0	27.2	27.8	28.0	29.5
≥ 18000		12.4	14.0	15.7	17.4	19.1	22.7	24.7	25.4	26.1	27.1	27.2	27.5	28.1	28.2	29.8
≥ 16000		12.4	14.0	15.7	17.4	19.1	22.7	24.7	25.4	26.1	27.1	27.2	27.5	28.1	28.2	29.8
≥ 14000		12.7	14.3	16.0	17.7	19.4	23.0	25.0	25.7	26.4	27.5	27.7	28.0	28.5	28.7	30.2
≥ 12000		13.6	15.4	17.3	19.0	20.7	24.4	26.4	27.4	28.1	29.4	29.5	29.8	30.4	30.5	32.1
≥ 10000		15.5	17.7	19.5	21.5	23.3	27.0	29.0	30.0	30.7	32.1	32.2	32.5	33.1	33.2	34.8
≥ 9000		16.0	18.3	20.1	22.1	23.8	27.5	29.5	30.5	31.2	32.7	32.8	33.1	33.7	33.8	35.4
≥ 8000		16.3	18.5	20.4	22.4	24.1	27.8	29.8	30.8	31.7	33.1	33.2	33.5	34.1	34.2	35.8
≥ 7000		16.4	18.7	20.5	22.5	24.3	28.0	30.0	31.0	31.8	33.2	33.4	33.7	34.2	34.4	35.9
≥ 6000		17.1	19.4	21.4	23.4	25.1	28.8	30.8	31.8	32.7	34.4	34.5	35.0	35.5	35.7	37.2
≥ 5000		18.5	21.4	23.4	25.5	27.4	31.2	33.5	35.0	35.9	38.1	38.2	38.7	39.2	39.4	40.9
≥ 4500		20.3	23.5	25.5	28.5	30.5	34.5	36.8	38.2	39.4	41.7	41.8	42.2	42.8	42.9	44.5
≥ 4000		22.5	26.0	28.0	31.4	33.5	37.5	39.8	41.2	42.4	44.7	44.8	45.2	45.8	45.9	47.5
≥ 3500		24.1	28.2	30.4	34.2	36.5	40.8	43.1	44.5	45.6	48.1	48.4	48.8	49.4	49.5	51.1
≥ 3000		29.0	33.4	35.8	39.8	42.4	46.9	49.8	51.4	52.5	54.9	55.2	55.6	56.2	56.3	57.9
≥ 2500		31.4	36.1	38.8	43.4	46.1	50.8	53.8	55.3	56.5	58.9	59.2	59.6	60.2	60.3	61.9
≥ 2000		34.2	39.1	41.8	46.5	49.4	54.2	57.5	59.1	60.2	62.6	62.9	63.3	63.9	64.1	65.6
≥ 1800		36.4	41.2	44.2	49.4	52.4	57.2	60.5	62.1	63.2	65.6	65.9	66.3	66.9	67.0	68.6
≥ 1500		38.8	44.2	47.2	52.5	55.5	60.3	63.8	65.3	66.5	69.2	69.5	69.9	70.5	70.6	72.2
≥ 1200		41.9	47.9	51.1	56.8	59.8	64.8	68.5	70.0	71.2	74.2	74.5	74.9	75.5	75.6	77.2
≥ 1000		43.9	50.2	53.4	59.3	62.3	67.5	71.2	72.9	74.0	77.0	77.3	77.7	78.3	78.5	80.0
≥ 900		44.4	50.6	53.8	59.8	62.8	67.9	71.6	73.5	74.6	77.6	77.9	78.3	78.9	79.0	80.6
≥ 800		45.1	51.4	54.5	60.9	64.2	69.5	73.5	75.3	76.6	79.7	80.0	80.5	81.0	81.2	82.7
≥ 700		45.4	51.6	54.8	61.6	64.9	70.2	74.9	76.7	78.0	81.2	81.5	81.9	82.5	82.6	84.2
≥ 600		46.2	52.8	56.1	63.3	66.6	72.2	77.2	79.2	80.6	83.7	84.0	84.5	85.0	85.2	86.7
≥ 500		46.8	53.5	57.1	64.6	68.5	74.6	80.0	82.2	83.7	86.9	87.3	87.7	88.3	88.4	90.0
≥ 400		47.4	54.1	57.6	65.6	69.8	75.9	81.9	84.5	86.9	90.3	90.7	91.2	91.9	92.0	93.6
≥ 300		47.4	54.1	57.8	66.2	70.3	76.5	82.7	85.7	88.7	92.6	93.2	93.7	94.6	94.7	96.4
≥ 200		47.4	54.1	57.8	66.3	70.5	76.6	83.0	86.0	89.0	93.3	93.9	94.7	95.7	95.9	97.6
≥ 100		47.4	54.1	57.8	66.3	70.5	76.6	83.0	86.0	89.0	93.4	94.2	95.3	96.4	96.6	98.7
≥ 0		47.4	54.1	57.8	66.3	70.5	76.6	83.0	86.0	89.0	93.6	94.3	95.4	96.6	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 701

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		6.7	7.8	8.8	10.2	11.6	12.8	14.5	14.9	15.3	15.5	15.5	15.5	15.5	15.5	15.9
≥ 20000		13.6	15.9	17.6	21.1	23.0	24.1	25.8	26.4	27.0	27.2	27.2	27.2	27.2	27.2	27.8
≥ 18000		13.6	15.9	17.6	21.1	23.0	24.1	25.8	26.4	27.0	27.2	27.2	27.2	27.2	27.2	27.8
≥ 16000		13.6	15.9	17.6	21.1	23.0	24.1	25.8	26.4	27.0	27.2	27.2	27.2	27.2	27.2	27.8
≥ 14000		13.9	16.3	18.0	21.6	23.4	24.5	26.2	26.8	27.4	27.7	27.7	27.7	27.7	27.7	28.2
≥ 12000		14.8	17.2	18.9	22.4	24.3	25.4	27.1	27.8	28.5	28.8	28.8	28.8	28.8	28.8	29.4
≥ 10000		16.0	18.7	20.4	24.1	26.0	27.2	28.9	29.6	30.4	30.6	30.6	30.6	30.6	30.6	31.2
≥ 9000		16.7	19.4	21.3	25.4	27.5	28.8	30.6	31.3	32.1	32.3	32.3	32.3	32.3	32.3	32.9
≥ 8000		17.4	20.3	22.1	26.4	28.5	29.8	31.6	32.3	33.0	33.3	33.3	33.3	33.3	33.3	33.9
≥ 7000		17.4	20.3	22.1	26.4	28.5	29.8	31.6	32.3	33.0	33.3	33.3	33.3	33.3	33.3	33.9
≥ 6000		18.3	21.1	23.0	27.2	29.4	30.6	32.5	33.2	33.9	34.2	34.2	34.2	34.2	34.2	34.8
≥ 5000		20.1	23.5	25.7	30.4	32.6	34.0	35.9	36.9	37.7	38.3	38.3	38.4	38.4	38.4	39.0
≥ 4500		20.7	24.8	27.4	32.5	34.9	36.3	38.3	39.3	40.3	40.9	40.9	41.0	41.0	41.0	41.6
≥ 4000		22.7	27.0	29.5	34.9	37.3	38.7	41.0	42.1	43.1	43.7	43.7	43.8	43.8	43.8	44.4
≥ 3500		25.4	29.8	32.5	38.0	40.7	42.1	44.4	45.5	46.5	47.1	47.1	47.2	47.2	47.2	47.8
≥ 3000		28.9	33.8	36.9	42.7	45.4	46.8	49.1	50.2	51.2	51.9	51.9	52.1	52.1	52.1	52.6
≥ 2500		34.3	39.6	42.8	49.5	52.3	53.8	56.2	57.3	58.3	59.0	59.0	59.1	59.1	59.1	59.7
≥ 2000		39.3	44.8	48.1	55.0	57.9	59.3	61.7	63.3	64.3	65.0	65.0	65.1	65.1	65.1	65.7
≥ 1800		42.4	48.1	51.3	58.6	61.4	62.8	65.4	67.0	68.1	68.8	68.8	68.9	68.9	68.9	69.5
≥ 1500		46.8	53.0	56.7	64.1	67.1	68.5	71.2	72.9	74.0	74.8	74.8	74.9	74.9	74.9	75.5
≥ 1200		49.4	56.0	59.9	67.2	70.5	71.9	74.6	76.5	77.7	78.6	78.6	78.7	78.7	78.7	79.3
≥ 1000		50.9	57.9	61.8	70.4	73.6	75.2	77.9	79.7	81.1	82.1	82.1	82.3	82.3	82.3	82.8
≥ 900		51.6	58.6	62.7	71.3	74.9	76.5	79.3	81.1	82.6	83.5	83.5	83.7	83.7	83.7	84.3
≥ 800		52.2	59.4	63.5	72.9	76.6	78.2	81.0	82.8	84.3	85.2	85.2	85.4	85.4	85.4	86.0
≥ 700		52.6	60.1	64.4	73.9	77.7	79.6	83.3	85.2	86.7	87.7	87.7	87.8	87.8	87.8	88.4
≥ 600		53.0	61.0	65.2	75.2	79.1	81.7	85.4	87.8	89.2	90.2	90.2	90.4	90.4	90.4	90.9
≥ 500		53.6	61.6	66.0	76.3	80.4	83.3	87.7	90.4	92.3	93.5	93.6	93.8	93.8	93.8	94.3
≥ 400		53.8	61.8	66.2	76.7	81.1	84.0	88.4	91.6	94.0	95.3	95.6	95.7	95.7	95.7	96.3
≥ 300		53.9	62.0	66.4	76.9	81.4	84.4	88.9	92.2	95.0	96.7	97.0	97.2	97.2	97.2	97.7
≥ 200		53.9	62.0	66.4	76.9	81.4	84.4	88.9	92.2	95.2	97.0	97.6	97.9	97.9	97.9	98.6
≥ 100		53.9	62.0	66.4	76.9	81.4	84.4	88.9	92.2	95.2	97.0	97.7	98.3	98.6	98.6	99.3
≥ 0		53.9	62.0	66.4	76.9	81.4	84.4	88.9	92.2	95.2	97.0	97.7	98.3	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 705

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		7.6	8.8	9.9	10.9	11.8	12.5	12.5	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8
≥ 20000		15.4	17.5	19.0	20.5	21.4	22.1	22.1	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4
≥ 18000		15.5	17.7	19.1	20.7	21.6	22.3	22.3	22.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6
≥ 16000		15.8	18.0	19.4	21.0	21.8	22.6	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8
≥ 14000		16.2	18.4	19.8	21.4	22.3	23.0	23.0	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3
≥ 12000		17.5	19.7	21.1	22.7	23.6	24.3	24.3	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6
≥ 10000		19.3	21.4	23.0	24.9	25.7	26.6	26.6	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9
≥ 9000		20.1	22.3	23.9	25.7	26.7	27.7	27.7	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0
≥ 8000		20.7	22.8	24.4	26.3	27.3	28.3	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6
≥ 7000		20.7	22.8	24.4	26.3	27.3	28.3	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6
≥ 6000		20.8	23.0	24.6	26.7	27.7	28.7	28.7	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0
≥ 5000		23.7	25.9	27.4	29.9	31.0	32.0	32.0	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4500		26.0	28.2	30.0	32.5	33.6	34.6	34.6	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 4000		30.7	33.0	35.1	37.6	38.8	39.8	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2
≥ 3500		37.6	40.1	42.1	44.8	46.0	47.0	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
≥ 3000		44.3	47.0	49.1	51.9	53.0	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 2500		56.8	60.3	63.1	66.4	67.7	68.8	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 2000		62.6	66.8	69.8	73.3	74.6	75.7	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1800		65.2	69.7	72.8	76.6	77.9	79.0	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1500		68.0	72.6	76.3	81.0	82.3	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200		70.5	75.9	79.7	84.8	86.5	87.9	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000		71.6	76.9	80.7	86.5	88.5	90.8	91.7	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1
≥ 900		72.1	77.7	81.6	87.5	89.7	92.1	93.0	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4
≥ 800		72.1	77.9	82.0	88.4	90.7	93.1	94.1	94.4	94.4	94.5	94.7	94.7	94.7	94.7	94.7
≥ 700		72.6	78.3	82.5	89.2	91.8	94.3	96.0	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6
≥ 600		73.0	78.7	82.9	89.8	92.5	95.0	97.0	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 500		73.0	78.7	82.9	89.8	92.5	95.1	97.3	98.1	98.3	98.4	98.6	98.6	98.6	98.7	98.7
≥ 400		73.1	78.9	83.2	90.1	92.8	95.7	98.0	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7
≥ 300		73.1	78.9	83.2	90.1	92.8	95.7	98.0	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7
≥ 200		73.1	78.9	83.2	90.1	92.8	95.7	98.0	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7
≥ 100		73.1	78.9	83.2	90.1	92.8	95.7	98.0	98.9	99.0	99.3	99.4	99.4	99.9	100.0	100.0
≥ 0		73.1	78.9	83.2	90.1	92.8	95.7	98.0	98.9	99.0	99.3	99.4	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 696

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.1	15.5	16.4	17.5	17.8	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 20000		25.0	26.9	28.3	30.0	30.5	31.5	31.5	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 18000		25.1	27.1	28.4	30.2	30.6	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000		25.6	27.5	28.8	30.6	31.1	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000		26.9	28.8	30.2	32.0	32.4	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 12000		28.7	31.1	32.4	34.2	34.6	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 10000		31.5	33.9	35.4	37.4	37.9	38.9	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 9000		32.0	34.8	36.2	38.5	39.1	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 8000		32.2	35.1	36.5	38.8	39.3	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 7000		32.4	35.2	36.7	38.9	39.5	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 6000		33.9	36.7	38.2	40.4	41.0	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000		38.6	41.7	43.5	45.9	46.4	47.9	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 4500		42.6	45.9	47.8	50.6	51.3	52.8	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4000		46.9	50.4	52.4	56.2	57.1	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 3500		51.2	55.3	57.5	61.4	62.3	63.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3000		57.2	61.5	63.8	67.8	68.8	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2500		62.3	67.0	69.5	73.8	75.0	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000		67.0	72.2	74.7	79.0	80.2	81.8	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800		68.9	74.1	76.8	81.1	82.5	84.3	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500		70.6	76.2	79.3	84.0	85.5	87.3	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200		71.9	77.8	81.4	86.5	88.0	90.1	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000		73.7	79.9	83.6	89.1	90.7	92.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900		74.0	80.6	84.3	90.1	91.7	94.1	95.3	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800		74.1	81.1	84.8	91.1	92.8	95.4	96.7	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700		74.1	81.2	84.9	91.3	92.9	96.2	97.5	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		74.1	81.2	84.9	91.3	92.9	96.2	97.6	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		74.1	81.2	84.9	91.6	93.2	96.4	98.1	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		74.1	81.2	84.9	91.6	93.2	96.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		74.1	81.2	84.9	91.6	93.2	96.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		74.1	81.2	84.9	91.6	93.2	96.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		74.1	81.2	84.9	91.6	93.2	96.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		74.1	81.2	84.9	91.6	93.2	96.6	98.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 41-63,70-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		17.9	20.5	22.1	22.9	23.6	24.7	24.7	24.9	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000		26.9	31.2	33.8	35.8	36.7	37.8	37.8	38.0	38.4	38.6	38.6	38.6	38.6	38.6	38.9
≥ 18000		26.9	31.2	33.8	35.8	36.7	37.8	37.8	38.0	38.4	38.6	38.6	38.6	38.6	38.6	38.9
≥ 16000		26.9	31.2	33.8	35.8	36.7	37.8	37.8	38.0	38.4	38.6	38.6	38.6	38.6	38.6	38.9
≥ 14000		27.1	31.4	34.1	36.0	36.9	38.0	38.0	38.2	38.6	38.9	38.9	38.9	38.9	38.9	39.1
≥ 12000		29.0	33.6	36.2	38.2	39.1	40.2	40.2	40.4	40.8	41.0	41.0	41.0	41.0	41.0	41.3
≥ 10000		31.4	36.0	38.6	41.0	41.9	43.0	43.2	43.4	43.9	44.1	44.1	44.1	44.1	44.1	44.3
≥ 9000		32.5	37.1	40.0	42.6	43.4	44.8	45.0	45.2	45.6	45.9	45.9	45.9	45.9	45.9	46.1
≥ 8000		33.4	38.0	40.8	43.7	44.5	45.9	46.1	46.3	46.7	46.9	46.9	46.9	46.9	46.9	47.2
≥ 7000		33.8	38.6	41.5	44.3	45.2	46.5	46.7	46.9	47.4	47.6	47.6	47.6	47.6	47.6	47.8
≥ 6000		34.7	39.5	42.4	45.2	46.1	47.4	47.8	48.0	48.5	48.7	48.7	48.7	48.7	48.7	48.9
≥ 5000		40.6	45.6	48.5	52.0	52.8	54.1	54.6	54.8	55.2	55.5	55.5	55.5	55.5	55.5	55.7
≥ 4500		42.1	47.2	50.2	54.4	55.5	56.8	57.2	57.4	57.9	58.1	58.1	58.1	58.1	58.1	58.3
≥ 4000		45.0	50.0	53.1	57.4	58.5	59.8	60.3	60.5	60.9	61.1	61.1	61.1	61.1	61.1	61.4
≥ 3500		50.0	56.3	59.8	64.2	65.3	66.8	67.2	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.3
≥ 3000		53.1	60.3	63.8	68.3	69.4	71.2	71.6	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.7
≥ 2500		57.0	64.6	68.1	72.9	74.0	76.0	76.4	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.5
≥ 2000		58.3	66.4	70.5	75.5	76.9	79.0	79.5	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.6
≥ 1800		59.0	67.5	71.6	76.6	78.2	80.6	81.0	81.2	81.7	81.9	81.9	81.9	81.9	81.9	82.1
≥ 1500		61.8	71.0	75.3	81.0	82.8	85.2	85.6	85.8	86.2	86.5	86.5	86.5	86.5	86.5	86.7
≥ 1200		63.1	72.5	77.3	83.8	85.8	88.4	89.1	89.5	90.0	90.2	90.2	90.2	90.2	90.2	90.4
≥ 1000		64.4	74.5	79.7	86.7	88.6	91.5	92.1	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.4
≥ 900		64.8	75.3	80.8	88.0	90.0	92.8	93.4	93.9	94.5	95.0	95.0	95.0	95.0	95.0	95.2
≥ 800		64.8	75.5	81.2	88.6	90.6	93.7	94.5	95.0	95.6	96.3	96.3	96.3	96.3	96.3	96.5
≥ 700		65.1	75.8	81.7	89.3	91.3	94.5	95.9	96.3	96.9	97.6	97.6	97.6	97.6	97.6	97.8
≥ 600		65.1	75.8	81.7	89.3	91.5	94.8	96.1	96.5	97.2	98.3	98.3	98.3	98.3	98.3	98.5
≥ 500		65.1	76.2	82.1	90.0	92.1	95.6	96.9	97.4	98.0	99.1	99.3	99.3	99.3	99.3	99.6
≥ 400		65.1	76.2	82.1	90.0	92.1	95.6	96.9	97.4	98.3	99.3	99.6	99.6	99.6	99.6	99.8
≥ 300		65.1	76.2	82.1	90.0	92.1	95.6	96.9	97.4	98.3	99.3	99.6	99.6	99.6	99.6	99.8
≥ 200		65.1	76.2	82.1	90.0	92.1	95.6	96.9	97.4	98.3	99.3	99.6	99.6	99.6	99.6	100.0
≥ 100		65.1	76.2	82.1	90.0	92.1	95.6	96.9	97.4	98.3	99.3	99.6	99.6	99.6	99.6	100.0
≥ 0		65.1	76.2	82.1	90.0	92.1	95.6	96.9	97.4	98.3	99.3	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 458

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,74-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		24.0	28.6	32.3	34.0	34.3	36.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 20000		26.0	30.9	35.1	36.9	37.7	39.7	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.9
≥ 18000		26.0	30.9	35.1	36.9	37.7	39.7	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.9
≥ 16000		26.0	30.9	35.4	37.1	38.0	40.0	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.1
≥ 14000		26.6	31.4	36.0	37.7	38.6	40.6	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.7
≥ 12000		27.7	32.6	37.1	38.9	39.7	41.7	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.9
≥ 10000		29.1	34.0	38.6	40.6	41.4	43.4	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.9
≥ 9000		30.6	35.4	40.0	42.0	42.9	44.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.3
≥ 8000		32.3	37.1	41.7	44.3	45.1	47.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.6
≥ 7000		33.1	38.0	42.6	45.1	46.0	48.0	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.4
≥ 6000		34.3	39.1	43.7	46.6	47.4	49.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.9
≥ 5000		39.1	44.0	48.6	51.7	52.6	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.3
≥ 4500		39.1	44.0	49.4	53.1	54.6	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.6
≥ 4000		39.7	44.6	50.0	53.7	55.1	57.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	59.1
≥ 3500		42.9	47.7	53.1	57.4	58.9	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.9
≥ 3000		46.9	51.7	57.1	62.3	64.6	67.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.9
≥ 2500		49.1	54.0	60.0	65.4	67.7	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	72.0
≥ 2000		52.0	56.9	63.4	69.4	71.7	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	76.0
≥ 1800		52.6	57.7	65.1	71.4	73.7	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.0
≥ 1500		54.0	59.4	66.9	73.4	75.7	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 1200		55.1	60.9	68.3	74.9	77.1	80.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.3
≥ 1000		57.7	63.4	71.4	78.6	80.9	83.7	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	86.3
≥ 900		58.9	64.9	73.1	81.1	83.4	86.6	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	89.1
≥ 800		60.3	66.3	74.9	83.1	85.4	88.6	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	92.0
≥ 700		60.9	67.4	76.3	84.9	87.1	90.6	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	94.0
≥ 600		61.7	68.3	77.4	86.0	88.3	92.0	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.7
≥ 500		62.0	68.6	78.0	87.4	90.3	94.0	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	98.3
≥ 400		62.3	68.9	78.6	88.3	91.1	94.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	99.1
≥ 300		62.3	68.9	78.6	88.6	91.4	95.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.7
≥ 200		62.3	68.9	78.6	88.6	91.4	95.4	98.9	98.9	99.1	99.1	99.1	99.1	99.4	99.4	100.0
≥ 100		62.3	68.9	78.6	88.6	91.4	95.4	98.9	98.9	99.1	99.1	99.1	99.1	99.4	99.4	100.0
≥ 0		62.3	68.9	78.6	88.6	91.4	95.4	98.9	98.9	99.1	99.1	99.1	99.1	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.3	14.0	15.5	17.3	18.0	19.7	20.3	20.7	20.9	21.1	21.1	21.2	21.2	21.2	21.6
≥ 20000		18.1	20.4	22.4	25.2	26.3	28.3	29.3	29.8	30.2	30.4	30.4	30.5	30.6	30.6	31.1
≥ 18000		18.2	20.5	22.4	25.2	26.4	28.4	29.4	29.9	30.2	30.5	30.5	30.6	30.7	30.7	31.2
≥ 16000		18.3	20.6	22.6	25.4	26.6	28.5	29.5	30.0	30.4	30.6	30.7	30.7	30.8	30.8	31.3
≥ 14000		18.7	21.1	23.0	25.8	27.0	29.0	30.0	30.5	30.8	31.1	31.2	31.2	31.3	31.3	31.8
≥ 12000		19.8	22.4	24.3	27.1	28.3	30.3	31.4	32.0	32.4	32.7	32.7	32.8	32.9	32.9	33.4
≥ 10000		21.5	24.2	26.2	29.2	30.4	32.5	33.7	34.3	34.6	34.9	35.0	35.1	35.2	35.2	35.7
≥ 9000		22.1	25.0	27.0	30.2	31.5	33.6	34.8	35.3	35.7	36.0	36.1	36.2	36.3	36.3	36.8
≥ 8000		22.8	25.7	27.7	30.9	32.2	34.4	35.6	36.2	36.5	36.9	36.9	37.0	37.1	37.1	37.6
≥ 7000		23.0	25.8	27.9	31.1	32.4	34.7	35.8	36.4	36.8	37.1	37.1	37.2	37.3	37.3	37.9
≥ 6000		23.9	26.9	28.9	32.3	33.6	35.8	37.1	37.7	38.1	38.4	38.5	38.6	38.7	38.7	39.3
≥ 5000		27.1	30.3	32.4	36.3	37.7	40.1	41.5	42.2	42.6	43.1	43.1	43.3	43.4	43.4	43.9
≥ 4500		28.7	32.0	34.4	38.7	40.3	42.8	44.3	45.0	45.5	46.0	46.0	46.1	46.2	46.3	46.8
≥ 4000		31.2	34.8	37.2	41.8	43.5	45.9	47.5	48.3	48.8	49.2	49.3	49.4	49.5	49.5	50.1
≥ 3500		34.8	38.8	41.4	46.3	48.1	50.7	52.3	53.1	53.6	54.1	54.1	54.3	54.4	54.4	55.0
≥ 3000		39.3	43.5	46.2	51.4	53.4	56.1	57.9	58.7	59.2	59.7	59.8	60.0	60.0	60.1	60.6
≥ 2500		44.4	49.1	52.1	57.7	59.8	62.8	64.6	65.5	65.9	66.5	66.5	66.7	66.7	66.8	67.3
≥ 2000		48.3	53.4	56.5	62.5	64.7	67.8	69.6	70.6	71.1	71.6	71.7	71.8	71.9	71.9	72.5
≥ 1800		50.1	55.3	58.6	64.9	67.1	70.3	72.2	73.2	73.7	74.2	74.3	74.4	74.5	74.6	75.1
≥ 1500		52.7	58.4	61.9	68.7	71.0	74.2	76.2	77.2	77.7	78.2	78.3	78.5	78.6	78.6	79.1
≥ 1200		54.9	61.1	64.8	71.9	74.4	77.8	80.0	81.0	81.6	82.2	82.3	82.4	82.5	82.5	83.1
≥ 1000		56.5	63.0	66.9	74.6	77.2	80.8	83.1	84.2	84.7	85.4	85.5	85.6	85.7	85.8	86.3
≥ 900		57.2	63.9	67.9	75.9	78.5	82.3	84.7	85.8	86.4	87.0	87.1	87.3	87.4	87.4	88.0
≥ 800		57.6	64.6	68.7	77.1	79.8	83.7	86.3	87.4	88.1	88.8	88.9	89.0	89.1	89.2	89.7
≥ 700		58.0	65.0	69.2	77.9	80.9	84.9	87.9	89.1	89.8	90.5	90.6	90.7	90.8	90.9	91.4
≥ 600		58.4	65.6	69.8	78.9	81.9	86.1	89.4	90.7	91.5	92.2	92.3	92.5	92.6	92.6	93.1
≥ 500		58.6	65.9	70.3	79.7	82.9	87.4	91.0	92.5	93.4	94.1	94.3	94.5	94.5	94.6	95.1
≥ 400		58.8	66.2	70.7	80.4	83.7	88.4	92.2	93.9	95.0	95.9	96.1	96.2	96.4	96.4	97.0
≥ 300		58.9	66.2	70.7	80.5	84.0	88.7	92.6	94.5	95.8	96.8	97.0	97.3	97.4	97.5	98.0
≥ 200		58.9	66.2	70.7	80.5	84.0	88.8	92.7	94.6	96.0	97.1	97.4	97.7	97.9	98.0	98.6
≥ 100		58.9	66.2	70.7	80.5	84.0	88.8	92.7	94.6	96.1	97.3	97.6	98.1	98.5	98.6	99.4
≥ 0		58.9	66.2	70.7	80.5	84.0	88.8	92.7	94.6	96.1	97.4	97.7	98.1	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4802

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		19.6	22.5	22.7	23.9	24.5	24.7	25.0	25.0	25.6	25.8	25.8	25.8	26.1	26.3	26.7
≥ 20000		21.8	24.9	25.0	27.6	28.3	28.9	29.3	29.3	29.8	30.0	30.0	30.0	30.5	30.7	31.1
≥ 18000		21.8	24.9	25.0	27.6	28.3	28.9	29.3	29.3	29.8	30.0	30.0	30.0	30.5	30.7	31.1
≥ 16000		21.8	24.9	25.0	27.6	28.3	28.9	29.3	29.3	29.8	30.0	30.0	30.0	30.5	30.7	31.1
≥ 14000		21.8	24.9	25.0	27.6	28.3	28.9	29.3	29.3	29.8	30.0	30.0	30.0	30.5	30.7	31.1
≥ 12000		22.7	26.0	26.3	28.9	29.6	30.2	30.5	30.5	31.1	31.3	31.3	31.4	32.0	32.2	32.5
≥ 10000		24.7	28.0	28.3	31.1	32.0	32.5	32.9	32.9	33.5	33.6	33.6	33.8	34.4	34.6	34.9
≥ 9000		24.9	28.7	29.1	31.6	32.7	33.3	33.6	33.6	34.4	34.6	34.6	34.7	35.3	35.5	35.8
≥ 8000		27.4	31.6	32.4	35.5	36.4	38.2	38.6	38.6	39.3	39.5	39.5	39.7	40.4	40.6	41.0
≥ 7000		28.5	32.7	33.6	36.7	37.8	39.7	40.0	40.0	40.8	41.0	41.0	41.1	41.9	42.0	42.4
≥ 6000		30.0	35.1	36.2	40.2	42.0	43.9	44.2	44.2	45.2	45.3	45.3	45.5	46.3	46.4	46.8
≥ 5000		34.0	39.9	41.0	45.3	47.2	49.5	49.9	49.9	50.8	51.0	51.0	51.2	51.9	52.1	52.5
≥ 4500		34.9	40.8	41.9	46.3	48.1	50.8	51.2	51.2	52.1	52.3	52.3	52.5	53.2	53.4	53.7
≥ 4000		35.6	41.7	42.8	47.5	49.4	52.1	52.5	52.5	53.4	53.6	53.6	53.7	54.5	54.7	55.0
≥ 3500		37.7	43.9	45.2	49.9	51.7	54.7	55.0	55.0	55.9	56.1	56.1	56.3	57.0	57.2	57.6
≥ 3000		39.5	45.9	47.2	52.1	53.9	57.0	57.6	57.6	58.5	58.7	58.7	58.9	59.6	59.8	60.1
≥ 2500		42.0	48.6	49.9	55.4	57.2	60.3	60.9	60.9	61.8	62.0	62.0	62.2	62.9	63.1	63.4
≥ 2000		46.3	53.2	54.5	60.5	62.3	65.6	66.2	66.2	67.1	67.3	67.3	67.5	68.2	68.4	68.7
≥ 1800		46.8	53.7	55.0	61.1	62.9	66.2	66.7	66.7	67.6	67.8	67.8	68.0	68.7	68.9	69.3
≥ 1500		51.7	59.2	60.7	67.5	69.5	72.8	73.3	73.5	74.4	74.6	74.6	74.8	75.5	75.7	76.1
≥ 1200		54.8	62.3	64.4	71.5	73.5	76.8	77.5	77.7	78.6	78.8	78.8	79.0	79.7	79.9	80.3
≥ 1000		57.8	65.8	68.0	75.3	77.5	81.2	82.1	82.4	83.4	83.5	83.5	83.7	84.5	84.6	85.0
≥ 900		59.4	67.8	70.0	77.3	79.5	83.2	84.1	84.5	85.4	85.6	85.6	85.7	86.5	86.7	87.0
≥ 800		60.3	69.1	71.3	78.8	81.2	84.8	85.7	86.1	87.0	87.2	87.2	87.4	88.1	88.3	88.8
≥ 700		61.8	70.9	73.1	81.0	83.4	87.2	88.3	88.7	89.6	89.9	89.9	90.1	90.9	91.0	91.6
≥ 600		61.8	70.9	73.1	81.0	83.5	87.6	88.7	89.0	89.9	90.5	90.5	90.7	91.4	91.6	92.1
≥ 500		62.7	72.0	75.1	84.3	87.0	91.6	92.7	93.1	94.0	94.5	94.5	94.7	95.4	95.6	96.2
≥ 400		63.1	72.8	75.9	85.4	88.5	93.1	94.1	94.5	95.4	96.0	96.0	96.2	96.9	97.1	97.6
≥ 300		63.1	72.8	75.9	85.6	88.8	93.4	94.7	95.1	96.0	96.5	96.5	96.7	97.4	97.6	98.2
≥ 200		63.1	72.8	76.1	85.7	89.2	93.8	95.1	95.4	96.5	97.1	97.1	97.3	98.0	98.2	98.7
≥ 100		63.1	72.8	76.1	85.7	89.2	93.8	95.1	95.4	96.7	97.3	97.3	97.4	98.5	98.7	99.5
≥ 0		63.1	72.8	76.1	85.7	89.2	93.8	95.1	95.4	96.7	97.3	97.3	97.4	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 547

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-73,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.8	13.3	14.5	16.4	16.7	17.6	17.7	17.9	18.6	18.8	18.8	19.1	19.3	19.3	20.4
≥ 20000		13.9	15.9	17.1	19.3	20.4	21.6	22.3	22.6	23.3	23.6	23.6	24.0	24.2	24.2	25.3
≥ 18000		13.9	15.9	17.1	19.3	20.4	21.6	22.3	22.6	23.3	23.6	23.6	24.0	24.2	24.2	25.3
≥ 16000		13.9	15.9	17.1	19.3	20.4	21.6	22.3	22.6	23.3	23.6	23.6	24.0	24.2	24.2	25.3
≥ 14000		13.9	15.9	17.1	19.3	20.4	21.6	22.3	22.6	23.3	23.6	23.6	24.0	24.2	24.2	25.3
≥ 12000		13.9	15.9	17.2	19.4	20.6	21.8	22.5	22.8	23.5	23.8	23.8	24.2	24.3	24.3	25.5
≥ 10000		15.0	17.1	18.6	20.9	22.1	23.5	24.2	24.7	25.3	25.7	25.7	26.0	26.2	26.2	27.4
≥ 9000		15.4	17.7	19.3	21.6	23.1	24.7	25.3	25.8	26.5	26.9	26.9	27.2	27.4	27.4	28.5
≥ 8000		16.9	19.6	21.3	23.6	25.2	26.7	27.4	27.9	28.5	28.9	28.9	29.2	29.4	29.4	30.9
≥ 7000		17.6	20.6	22.5	24.8	26.4	27.9	28.5	29.1	29.7	30.1	30.1	30.4	30.6	30.6	32.1
≥ 6000		18.8	22.1	24.5	27.4	28.9	30.4	31.3	31.8	32.4	32.8	32.8	33.1	33.3	33.3	34.8
≥ 5000		21.6	25.3	27.7	30.9	32.4	34.3	35.3	35.8	36.5	37.0	37.0	37.3	37.7	37.7	39.2
≥ 4500		23.6	27.5	30.1	33.6	35.1	37.3	38.3	38.9	39.5	40.0	40.0	40.5	40.7	40.7	42.2
≥ 4000		25.2	29.2	31.8	35.5	37.0	39.5	40.5	41.0	41.7	42.2	42.2	42.7	42.9	42.9	44.4
≥ 3500		26.9	30.9	33.8	37.7	39.4	42.1	43.2	43.8	44.4	44.9	44.9	45.4	45.6	45.6	47.1
≥ 3000		28.7	34.0	36.8	40.9	42.6	46.3	48.0	48.6	49.7	50.2	50.2	50.7	50.8	50.8	52.4
≥ 2500		31.8	36.1	39.0	43.2	44.9	48.6	50.3	51.2	52.2	52.7	52.7	53.2	53.4	53.4	54.9
≥ 2000		36.0	40.5	43.9	48.5	50.3	54.1	56.3	57.3	58.3	58.8	58.8	59.3	59.5	59.5	61.0
≥ 1800		38.0	42.7	46.1	51.2	53.0	56.8	59.1	60.1	61.1	61.7	61.7	62.2	62.3	62.3	63.9
≥ 1500		41.0	46.6	50.5	55.7	57.6	61.3	63.7	64.7	65.7	66.2	66.2	66.7	66.9	66.9	68.4
≥ 1200		45.8	51.5	55.6	61.1	63.0	66.7	69.3	70.3	71.3	71.8	71.8	72.3	72.5	72.5	74.0
≥ 1000		48.5	54.2	58.4	64.9	67.1	71.1	74.0	75.2	76.2	76.7	76.7	77.2	77.4	77.4	78.9
≥ 900		49.5	55.4	59.8	66.6	68.8	72.8	75.7	76.9	77.9	78.4	78.4	78.9	79.1	79.1	80.6
≥ 800		49.8	55.9	60.3	67.6	69.8	73.8	76.7	77.9	78.9	79.4	79.4	79.9	80.1	80.1	81.6
≥ 700		51.0	57.4	61.8	69.6	72.0	76.2	79.4	80.6	81.6	82.1	82.1	82.6	82.8	82.8	84.3
≥ 600		52.0	58.4	63.0	71.1	73.6	78.7	81.9	83.4	84.6	85.3	85.3	85.8	86.0	86.0	87.5
≥ 500		52.2	59.1	63.7	73.3	76.2	81.8	85.1	86.7	88.2	89.0	89.2	89.9	90.0	90.0	91.6
≥ 400		52.7	59.6	64.5	75.0	78.2	84.5	88.2	89.7	91.6	92.4	92.6	93.2	93.4	93.4	94.9
≥ 300		52.7	59.6	64.5	75.2	78.4	84.8	89.5	91.2	93.6	94.6	94.8	95.8	95.9	95.9	97.5
≥ 200		52.7	59.6	64.5	75.3	78.5	85.1	89.9	91.6	93.9	94.9	95.1	96.1	96.3	96.5	98.0
≥ 100		52.7	59.6	64.5	75.3	78.5	85.1	89.9	91.7	94.3	95.3	95.4	96.5	97.3	97.5	99.2
≥ 0		52.7	59.6	64.5	75.3	78.5	85.1	89.9	91.7	94.3	95.3	95.4	96.6	97.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 592

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING		10.1	10.9	10.9	12.4	13.1	13.3	13.6	13.7	13.7	13.7	13.9	14.0	14.2	14.2	15.2
≥ 20000		13.7	15.4	15.9	17.7	18.8	19.2	20.1	20.6	20.9	21.2	21.6	21.8	21.9	21.9	23.0
≥ 18000		13.7	15.4	15.9	17.7	18.8	19.2	20.1	20.6	20.9	21.2	21.6	21.8	21.9	21.9	23.0
≥ 16000		13.7	15.4	15.9	17.7	18.8	19.2	20.1	20.6	20.9	21.2	21.6	21.8	21.9	21.9	23.0
≥ 14000		13.9	15.5	16.1	17.9	18.9	19.4	20.3	20.7	21.2	21.5	21.9	22.1	22.2	22.2	23.2
≥ 12000		13.9	15.5	16.1	17.9	18.9	19.5	20.4	21.0	21.5	21.8	22.2	22.4	22.5	22.5	23.5
≥ 10000		15.6	17.3	17.9	20.0	21.0	21.8	22.7	23.2	23.7	24.0	24.4	24.6	24.7	24.7	25.8
≥ 9000		16.1	17.7	18.5	20.6	21.6	22.7	23.8	24.4	24.9	25.2	25.6	25.8	26.1	26.1	27.1
≥ 8000		17.1	18.9	20.4	22.7	23.7	24.9	26.2	27.1	27.6	27.9	28.3	28.5	28.8	28.8	29.8
≥ 7000		17.3	19.2	20.7	23.1	24.4	25.8	27.1	28.0	28.5	28.8	29.2	29.4	29.7	29.7	30.7
≥ 6000		18.8	21.0	22.5	25.5	26.8	28.2	29.7	30.6	31.0	31.3	31.7	31.9	32.2	32.2	33.2
≥ 5000		21.5	23.7	25.5	29.2	30.7	32.2	34.0	35.0	35.5	35.8	36.2	36.4	36.7	36.7	37.7
≥ 4500		23.0	25.2	27.0	31.0	32.5	34.3	36.1	37.3	37.7	38.0	38.5	38.6	38.9	39.0	40.1
≥ 4000		24.9	27.4	29.2	33.5	35.0	36.8	38.7	40.1	40.5	40.8	41.3	41.4	41.7	41.9	42.9
≥ 3500		27.1	29.7	31.6	35.9	37.6	39.3	41.6	43.1	43.5	43.8	44.3	44.4	44.7	44.9	46.1
≥ 3000		29.5	32.5	34.4	39.2	41.0	42.8	45.0	46.5	46.9	47.2	47.7	47.8	48.1	48.3	49.5
≥ 2500		32.5	35.5	37.7	42.6	44.4	46.5	49.0	50.5	51.0	51.3	51.9	52.0	52.3	52.5	53.7
≥ 2000		37.3	40.4	42.6	47.7	49.5	51.7	54.4	56.0	56.5	57.1	57.7	57.8	58.1	58.3	59.5
≥ 1800		38.7	41.9	44.1	49.2	51.0	53.2	55.9	57.5	58.0	58.6	59.2	59.3	59.6	59.8	61.0
≥ 1500		42.3	45.9	48.6	53.9	55.9	58.1	61.0	62.6	63.2	63.8	64.4	64.5	65.0	65.1	66.5
≥ 1200		46.3	50.2	52.9	58.6	60.5	62.9	66.0	67.8	68.4	69.0	69.6	69.7	70.2	70.3	71.7
≥ 1000		48.9	53.1	55.9	61.8	63.8	66.8	70.3	72.1	72.9	73.5	74.1	74.2	74.7	74.8	76.2
≥ 900		49.3	53.7	56.5	63.2	65.1	68.3	71.8	73.6	74.4	75.0	75.7	75.9	76.3	76.5	77.8
≥ 800		50.5	55.4	58.4	65.3	67.2	70.6	74.4	76.3	77.2	77.9	78.7	78.8	79.3	79.4	80.8
≥ 700		51.3	56.3	59.5	66.6	69.4	73.2	76.9	78.8	79.7	80.5	81.2	81.4	81.8	82.0	83.3
≥ 600		51.7	56.9	60.1	68.0	71.1	75.4	79.6	81.5	82.7	83.5	84.2	84.4	84.8	84.9	86.3
≥ 500		52.9	58.3	61.7	70.3	73.5	78.1	83.0	84.9	86.6	87.6	88.4	88.5	89.0	89.1	90.5
≥ 400		53.1	58.4	62.0	70.9	74.2	79.0	84.8	87.0	88.7	89.7	90.5	90.8	91.2	91.4	92.7
≥ 300		53.1	58.4	62.0	71.2	74.7	79.6	85.5	87.9	89.9	91.7	92.7	93.1	93.9	94.0	95.4
≥ 200		53.1	58.4	62.0	71.4	74.8	79.7	85.8	88.4	90.6	92.8	94.0	94.5	95.2	95.5	97.6
≥ 100		53.1	58.4	62.0	71.4	74.8	79.7	86.0	88.5	90.8	93.3	94.5	95.1	96.6	96.9	99.6
≥ 0		53.1	58.4	62.0	71.4	74.8	79.7	86.0	88.5	90.8	93.3	94.5	95.1	96.7	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 671

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		7.5	7.7	8.5	8.9	9.4	9.5	9.5	9.5	9.5	9.5	9.6	9.8	9.8	9.8	9.8
≥ 20000		12.8	13.8	14.9	15.9	16.9	17.2	17.6	17.6	17.6	17.6	17.7	17.9	17.9	17.9	17.9
≥ 18000		12.8	13.8	14.9	15.9	16.9	17.2	17.6	17.6	17.6	17.6	17.7	17.9	17.9	17.9	17.9
≥ 16000		12.9	13.9	15.0	16.0	17.0	17.3	17.7	17.7	17.7	17.7	17.9	18.0	18.0	18.0	18.0
≥ 14000		13.5	14.5	15.6	16.6	17.6	17.9	18.3	18.3	18.3	18.3	18.4	18.6	18.6	18.6	18.6
≥ 12000		14.9	15.9	17.0	18.0	19.0	19.3	19.7	19.7	19.7	19.7	19.9	20.0	20.0	20.0	20.0
≥ 10000		17.9	18.9	20.1	21.3	22.3	22.7	23.1	23.1	23.1	23.1	23.3	23.4	23.4	23.4	23.4
≥ 9000		18.3	19.3	20.6	21.8	22.8	23.3	24.0	24.0	24.0	24.0	24.1	24.3	24.3	24.3	24.3
≥ 8000		19.0	20.1	21.6	23.1	24.1	24.5	25.2	25.2	25.2	25.2	25.4	25.5	25.5	25.5	25.5
≥ 7000		19.1	20.3	21.7	23.5	24.5	25.0	25.7	25.7	25.7	25.7	25.8	26.0	26.0	26.0	26.0
≥ 6000		20.0	21.4	23.0	24.8	26.1	26.7	27.4	27.5	27.7	27.7	27.8	27.9	27.9	27.9	27.9
≥ 5000		22.8	24.8	26.8	28.9	30.5	31.2	31.9	32.1	32.2	32.2	32.3	32.5	32.5	32.5	32.5
≥ 4500		25.2	27.2	29.4	31.5	33.0	33.9	34.8	35.0	35.2	35.2	35.3	35.5	35.5	35.5	35.5
≥ 4000		28.5	30.5	32.6	34.9	36.5	37.3	38.2	38.4	38.6	38.6	38.7	38.9	38.9	38.9	38.9
≥ 3500		31.8	33.9	36.0	38.3	39.9	40.7	41.6	41.8	42.0	42.0	42.1	42.3	42.3	42.3	42.3
≥ 3000		35.2	37.3	39.6	42.0	43.5	44.4	45.2	45.5	45.7	45.7	45.8	46.0	46.0	46.0	46.0
≥ 2500		42.7	45.0	47.2	49.6	51.2	52.1	52.9	53.2	53.3	53.3	53.5	53.6	53.6	53.6	53.6
≥ 2000		52.2	54.5	56.7	59.7	61.3	62.1	63.0	63.3	63.4	63.4	63.5	63.7	63.7	63.7	63.7
≥ 1800		54.9	57.6	59.9	63.1	65.0	65.8	66.8	67.1	67.2	67.2	67.4	67.5	67.5	67.5	67.5
≥ 1500		59.4	63.0	65.4	69.9	71.9	72.8	73.8	74.0	74.2	74.2	74.3	74.5	74.5	74.5	74.5
≥ 1200		64.5	68.4	71.1	76.3	78.9	80.1	81.1	81.4	81.6	81.6	81.7	81.8	81.8	81.8	81.8
≥ 1000		66.7	71.1	73.8	79.6	82.1	83.7	84.8	85.1	85.2	85.2	85.4	85.5	85.5	85.5	85.5
≥ 900		67.4	72.2	75.2	81.0	83.7	85.4	87.1	87.4	87.5	87.5	87.7	87.8	87.8	87.8	87.8
≥ 800		68.5	73.5	76.5	82.7	85.5	87.2	88.9	89.2	89.5	89.5	89.6	89.9	89.9	89.9	89.9
≥ 700		69.2	74.5	77.6	83.8	86.7	88.8	90.8	91.2	91.5	91.5	91.6	91.9	91.9	91.9	91.9
≥ 600		69.8	75.2	78.4	84.8	88.2	91.1	93.3	93.9	94.3	94.5	94.6	94.9	94.9	94.9	94.9
≥ 500		70.2	75.6	78.9	85.4	88.8	91.6	94.0	95.0	95.5	95.6	95.7	96.0	96.0	96.0	96.0
≥ 400		70.4	75.7	79.0	85.8	89.2	92.1	94.8	95.7	96.3	96.5	96.6	97.0	97.0	97.0	97.0
≥ 300		70.4	75.7	79.0	86.0	89.5	92.3	95.3	96.5	97.0	97.7	97.9	98.3	98.6	98.6	98.6
≥ 200		70.4	75.7	79.0	86.0	89.5	92.3	95.3	96.5	97.0	97.9	98.2	98.7	99.1	99.1	99.1
≥ 100		70.4	75.7	79.0	86.0	89.5	92.3	95.3	96.6	97.2	98.0	98.3	99.1	99.7	99.7	100.0
≥ 0		70.4	75.7	79.0	86.0	89.5	92.3	95.3	96.6	97.2	98.0	98.3	99.1	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 705

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		9.8	10.1	10.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 20000		17.3	17.7	18.4	20.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥ 18000		17.3	17.7	18.4	20.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥ 16000		17.3	17.7	18.4	20.2	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 14000		17.7	18.1	18.9	20.8	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000		18.4	19.0	19.7	21.6	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 10000		20.5	21.1	21.8	24.0	24.4	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 9000		20.9	21.5	22.2	24.6	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 8000		21.5	22.5	23.2	25.7	26.2	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 7000		21.9	23.0	23.7	26.2	26.6	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 6000		23.1	24.1	24.9	27.3	27.8	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000		29.1	30.4	31.1	33.8	34.4	35.1	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 4500		33.6	35.5	36.3	39.0	39.6	40.5	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 4000		39.2	41.2	42.0	44.7	45.3	46.2	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 3500		42.3	44.6	45.5	48.2	48.8	49.7	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 3000		51.5	54.1	55.1	58.0	58.6	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥ 2500		61.1	64.0	65.1	68.1	68.7	69.6	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 2000		68.3	71.5	73.0	76.2	76.8	77.8	77.9	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 1800		71.2	74.9	76.5	79.8	80.4	81.4	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.2
≥ 1500		74.4	78.4	80.0	83.6	84.5	85.7	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 1200		77.5	82.3	84.2	88.3	89.6	91.2	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.3
≥ 1000		78.9	84.2	86.4	90.6	92.1	93.7	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 900		79.2	84.6	87.0	91.4	92.8	94.6	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 800		80.0	85.4	87.7	92.4	93.9	95.6	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.8
≥ 700		80.6	86.0	88.3	93.6	95.2	96.9	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.5
≥ 600		80.7	86.1	88.5	94.0	95.8	97.7	98.5	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.4
≥ 500		80.7	86.1	88.5	94.0	95.8	97.7	98.5	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.4
≥ 400		80.7	86.1	88.5	94.2	95.9	97.8	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300		80.7	86.1	88.5	94.2	95.9	97.8	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200		80.7	86.1	88.5	94.2	95.9	97.8	98.7	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100		80.7	86.1	88.5	94.2	95.9	97.8	98.7	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0		80.7	86.1	88.5	94.2	95.9	97.8	98.7	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 684

USAF ETAC FORM FEB 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.7	13.3	14.1	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000		25.0	25.7	27.0	28.0	28.0	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 18000		25.3	26.0	27.4	28.3	28.3	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 16000		25.3	26.0	27.4	28.3	28.3	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 14000		25.5	26.1	27.5	28.6	28.6	29.2	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 12000		27.4	28.0	29.4	30.4	30.4	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 10000		31.1	31.8	33.4	34.5	34.5	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 9000		31.8	32.6	34.2	35.2	35.2	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 8000		33.1	34.0	35.5	36.6	36.6	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 7000		33.5	34.5	36.0	37.1	37.1	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 6000		35.9	36.8	38.3	39.4	39.4	40.0	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 5000		42.8	44.2	45.9	47.1	47.4	48.1	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4500		47.4	49.3	51.0	52.9	53.3	53.9	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4000		50.9	53.6	55.3	57.5	58.0	58.6	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3500		55.3	58.6	60.3	62.9	63.4	64.0	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3000		60.9	64.5	66.5	69.1	69.6	70.5	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2500		67.4	71.1	73.6	76.7	77.3	78.0	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000		73.3	77.6	80.1	83.3	84.2	84.1	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800		75.0	79.3	81.8	85.2	86.2	88.1	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500		76.5	81.3	83.8	87.5	88.6	90.6	91.5	92.0	92.0	92.1	92.1	92.1	92.3	92.3	92.3
≥ 1200		78.4	84.2	86.9	90.6	91.7	93.7	94.9	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7
≥ 1000		79.1	85.3	88.4	92.3	93.4	95.4	96.6	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4
≥ 900		79.4	85.6	88.9	92.7	93.8	95.8	97.2	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
≥ 800		79.4	85.6	89.0	92.9	94.0	96.1	97.5	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3
≥ 700		79.8	85.9	89.3	93.7	94.9	97.2	98.6	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4
≥ 600		79.8	86.2	89.8	94.1	95.4	97.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500		79.8	86.2	89.8	94.1	95.4	97.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400		79.8	86.2	89.8	94.1	95.4	97.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300		79.8	86.2	89.8	94.1	95.4	97.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200		79.8	86.2	89.8	94.1	95.4	97.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100		79.8	86.2	89.8	94.1	95.4	97.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0		79.8	86.2	89.8	94.1	95.4	97.7	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 647

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.3	17.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 20000		27.4	29.2	30.3	31.0	31.0	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 18000		27.6	29.4	30.6	31.3	31.3	31.5	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 16000		27.6	29.4	30.6	31.3	31.3	31.5	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 14000		27.6	29.4	30.6	31.5	31.5	31.7	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 12000		28.7	30.6	31.7	32.6	32.6	32.9	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 10000		30.3	33.1	34.5	35.4	35.6	35.9	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 9000		31.3	34.0	35.4	36.3	36.6	36.8	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 8000		33.6	36.6	38.2	39.3	39.5	39.8	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 7000		34.3	37.2	38.9	40.0	40.2	40.5	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 6000		36.1	39.1	40.9	42.1	42.3	42.5	44.1	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 5000		44.1	47.6	50.3	51.7	52.4	52.9	54.5	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4500		49.4	53.1	56.1	57.5	58.2	58.3	61.1	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 4000		53.3	57.0	60.0	61.4	62.3	63.4	65.3	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3500		56.1	59.8	63.0	64.6	65.5	66.7	68.7	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000		58.9	62.8	66.2	68.3	69.2	70.6	72.9	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500		64.1	68.7	72.2	74.3	75.2	76.6	79.1	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000		67.1	72.4	75.9	78.4	79.8	81.1	83.7	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800		69.2	74.5	77.9	80.5	82.1	83.7	86.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500		70.1	75.9	79.3	82.3	84.4	86.2	88.7	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200		72.0	78.2	81.6	84.6	86.9	88.7	91.3	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000		74.3	80.7	84.4	87.6	90.3	92.6	95.6	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900		74.5	80.9	85.1	88.3	91.0	93.6	96.6	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		74.7	81.1	85.3	88.5	91.3	93.8	97.0	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		74.7	81.1	85.3	89.0	92.0	94.5	97.7	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		74.7	81.1	85.3	89.2	92.2	94.9	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		74.7	81.1	85.3	89.4	92.6	95.4	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		74.7	81.1	85.3	89.4	92.6	95.4	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		74.7	81.1	85.3	89.4	92.6	95.4	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		74.7	81.1	85.3	89.4	92.6	95.4	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		74.7	81.1	85.3	89.4	92.6	95.4	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		74.7	81.1	85.3	89.4	92.6	95.4	98.6	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 435

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,74-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		23.2	27.8	29.3	30.5	30.5	30.5	31.0	31.3	31.5	31.5	31.5	31.8	31.8	31.8	31.8
≥ 20000		28.3	33.0	34.7	36.9	37.4	37.4	37.9	38.2	38.4	38.4	38.4	38.7	38.7	38.7	38.7
≥ 18000		28.3	33.0	34.7	36.9	37.4	37.4	37.9	38.2	38.4	38.4	38.4	38.7	38.7	38.7	38.7
≥ 16000		28.3	33.0	34.7	36.9	37.4	37.4	37.9	38.2	38.4	38.4	38.4	38.7	38.7	38.7	38.7
≥ 14000		28.3	33.0	34.7	36.9	37.4	37.4	37.9	38.2	38.4	38.4	38.4	38.7	38.7	38.7	38.7
≥ 12000		29.1	33.7	35.5	37.9	38.4	38.4	38.9	39.2	39.4	39.4	39.4	39.7	39.7	39.7	39.7
≥ 10000		30.8	36.0	38.2	40.6	41.1	41.1	41.6	41.9	42.1	42.1	42.1	42.4	42.4	42.4	42.4
≥ 9000		31.0	36.2	38.4	40.9	41.4	41.4	41.9	42.1	42.4	42.4	42.4	42.6	42.6	42.6	42.6
≥ 8000		33.7	38.9	41.6	44.1	44.6	44.8	45.6	46.3	46.6	46.6	46.6	46.8	46.8	46.8	46.8
≥ 7000		35.2	40.4	43.1	45.8	46.3	46.8	47.5	48.3	48.8	48.8	48.8	49.0	49.0	49.0	49.0
≥ 6000		36.9	42.4	45.3	48.3	48.8	49.3	50.0	50.7	51.2	51.2	51.2	51.5	51.5	51.5	51.5
≥ 5000		41.9	47.3	50.5	53.9	54.4	55.7	56.4	57.1	57.6	57.6	57.6	57.9	57.9	57.9	57.9
≥ 4500		44.3	50.5	53.7	57.1	57.6	59.4	60.1	60.8	61.3	61.3	61.3	61.6	61.6	61.6	61.6
≥ 4000		46.3	52.5	55.7	59.4	59.9	61.6	62.3	63.1	63.5	63.5	63.5	63.8	63.8	63.8	63.8
≥ 3500		48.3	54.4	57.6	61.3	61.8	63.5	64.3	65.0	65.5	65.5	65.5	65.8	65.8	65.8	65.8
≥ 3000		50.5	56.7	59.9	64.0	64.5	66.5	67.2	68.0	68.5	68.5	68.5	68.7	68.7	68.7	68.7
≥ 2500		52.2	58.6	61.8	66.3	66.7	68.7	69.5	70.2	70.7	70.7	70.7	70.9	70.9	70.9	70.9
≥ 2000		56.7	63.5	67.0	71.7	72.2	74.1	74.9	75.6	76.1	76.1	76.1	76.4	76.4	76.4	76.4
≥ 1800		58.4	65.5	69.0	73.6	74.4	76.6	77.3	78.1	78.6	78.6	78.6	78.8	78.8	78.8	78.8
≥ 1500		60.3	68.0	72.2	77.1	78.1	80.3	81.3	82.0	82.5	82.5	82.5	82.8	82.8	82.8	82.8
≥ 1200		63.1	71.2	75.4	81.3	82.3	84.5	85.5	86.2	86.7	86.7	86.7	86.9	86.9	86.9	86.9
≥ 1000		65.5	74.1	78.3	84.7	85.7	87.9	89.4	90.4	90.9	91.1	91.1	91.4	91.4	91.4	91.4
≥ 900		66.7	75.4	79.8	86.5	87.4	89.7	91.1	92.1	92.6	92.9	92.9	93.1	93.1	93.1	93.1
≥ 800		67.2	76.1	80.8	87.7	88.7	90.9	92.4	93.3	93.8	94.1	94.1	94.3	94.3	94.3	94.3
≥ 700		68.2	77.1	82.3	89.2	90.1	92.6	94.1	95.1	95.6	95.8	95.8	96.1	96.1	96.1	96.1
≥ 600		69.5	78.6	84.0	91.1	92.4	94.8	96.3	97.5	98.0	98.3	98.3	98.5	98.5	98.5	98.5
≥ 500		69.7	78.8	84.2	91.9	93.3	95.8	97.3	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.5
≥ 400		69.7	78.8	84.2	91.9	93.6	96.1	97.5	98.8	99.3	99.5	99.5	99.8	99.8	99.8	99.8
≥ 300		69.7	78.8	84.2	92.1	93.8	96.3	97.8	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200		69.7	78.8	84.2	92.1	93.8	96.3	97.8	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		69.7	78.8	84.2	92.1	93.8	96.3	97.8	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0		69.7	78.8	84.2	92.1	93.8	96.3	97.8	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 406

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.1	14.4	15.0	16.0	16.3	16.5	16.7	16.7	16.9	16.9	17.0	17.1	17.2	17.2	17.5
≥ 20000		19.1	20.9	21.8	23.4	24.1	24.5	25.0	25.1	25.3	25.4	25.5	25.6	25.7	25.7	26.1
≥ 18000		19.2	20.9	21.9	23.5	24.2	24.6	25.0	25.2	25.4	25.5	25.6	25.7	25.8	25.8	26.1
≥ 16000		19.2	21.0	21.9	23.6	24.2	24.6	25.1	25.2	25.4	25.5	25.6	25.7	25.8	25.8	26.2
≥ 14000		19.4	21.1	22.1	23.8	24.5	24.9	25.4	25.5	25.7	25.8	25.9	26.0	26.1	26.2	26.5
≥ 12000		20.3	22.0	23.1	24.8	25.4	25.9	26.4	26.5	26.8	26.9	26.9	27.1	27.2	27.2	27.5
≥ 10000		22.5	24.4	25.5	27.4	28.1	28.6	29.1	29.3	29.5	29.7	29.7	29.9	30.0	30.0	30.3
≥ 9000		22.9	25.0	26.1	28.0	28.8	29.4	30.0	30.1	30.4	30.5	30.6	30.7	30.9	30.9	31.2
≥ 8000		24.4	26.6	28.1	30.1	30.9	31.7	32.4	32.6	32.9	33.0	33.1	33.2	33.4	33.4	33.8
≥ 7000		25.0	27.3	28.8	30.9	31.7	32.5	33.2	33.5	33.8	33.9	34.0	34.1	34.3	34.3	34.7
≥ 6000		26.4	29.0	30.6	33.0	34.0	34.9	35.6	35.9	36.3	36.4	36.5	36.6	36.8	36.8	37.2
≥ 5000		31.1	34.0	35.9	38.6	39.7	40.9	41.8	42.2	42.6	42.7	42.8	42.9	43.1	43.1	43.5
≥ 4500		34.0	37.2	39.2	42.1	43.2	44.7	45.6	46.0	46.4	46.6	46.6	46.8	46.9	47.0	47.4
≥ 4000		36.9	40.3	42.2	45.4	46.5	48.0	48.9	49.4	49.8	49.9	50.0	50.2	50.3	50.4	50.8
≥ 3500		39.6	43.2	45.3	48.5	49.7	51.2	52.3	52.8	53.1	53.3	53.4	53.5	53.7	53.7	54.1
≥ 3000		43.6	47.4	49.6	53.1	54.3	56.0	57.2	57.7	58.1	58.2	58.3	58.5	58.6	58.7	59.1
≥ 2500		48.7	52.7	55.0	58.7	59.9	61.8	63.0	63.5	64.0	64.1	64.2	64.4	64.5	64.6	65.0
≥ 2000		54.3	58.7	61.1	65.1	66.4	68.4	69.7	70.3	70.8	70.9	71.0	71.2	71.3	71.4	71.8
≥ 1800		56.3	60.8	63.2	67.4	68.8	70.9	72.2	72.8	73.2	73.4	73.5	73.7	73.8	73.9	74.3
≥ 1500		59.4	64.4	67.1	71.8	73.4	75.5	76.9	77.5	78.0	78.2	78.3	78.4	78.6	78.6	79.1
≥ 1200		62.8	68.3	71.2	76.2	78.0	80.2	81.8	82.4	82.9	83.1	83.2	83.4	83.6	83.6	84.0
≥ 1000		64.9	70.8	73.8	79.2	81.1	83.7	85.4	86.2	86.7	86.9	87.0	87.2	87.3	87.4	87.8
≥ 900		65.6	71.7	74.9	80.5	82.4	85.0	86.9	87.6	88.1	88.4	88.5	88.6	88.8	88.9	89.3
≥ 800		66.3	72.5	75.8	81.6	83.6	86.3	88.2	89.0	89.5	89.8	89.9	90.1	90.2	90.3	90.8
≥ 700		67.0	73.4	76.8	83.0	85.1	88.0	90.1	90.8	91.4	91.7	91.8	92.0	92.2	92.2	92.7
≥ 600		67.4	73.9	77.4	83.8	86.2	89.4	91.6	92.5	93.1	93.5	93.6	93.8	94.0	94.0	94.5
≥ 500		67.8	74.4	78.0	85.0	87.5	90.9	93.2	94.2	94.9	95.3	95.5	95.7	95.9	95.9	96.4
≥ 400		68.0	74.6	78.3	85.5	88.1	91.6	94.2	95.2	96.0	96.5	96.6	96.8	97.0	97.1	97.5
≥ 300		68.0	74.6	78.3	85.6	88.3	91.8	94.7	95.7	96.6	97.3	97.5	97.8	98.1	98.1	98.6
≥ 200		68.0	74.6	78.3	85.7	88.4	92.0	94.8	95.8	96.8	97.6	97.8	98.2	98.5	98.5	99.1
≥ 100		68.0	74.6	78.3	85.7	88.4	92.0	94.8	95.9	96.9	97.7	98.0	98.4	98.9	99.0	99.8
≥ 0		68.0	74.6	78.3	85.7	88.4	92.0	94.8	95.9	96.9	97.7	98.0	98.4	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 4687

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		25.8	30.0	30.6	33.2	33.5	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	35.0	35.0
≥ 20000		31.1	35.7	36.8	39.6	40.1	41.4	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.7	42.7
≥ 18000		31.1	35.7	36.8	39.6	40.1	41.4	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.7	42.7
≥ 16000		31.1	35.7	36.8	39.6	40.1	41.4	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.7	42.7
≥ 14000		31.1	35.7	36.8	39.6	40.1	41.4	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.7	42.7
≥ 12000		31.5	36.3	37.5	40.3	40.8	42.1	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.6	43.6
≥ 10000		33.0	38.1	39.4	43.8	44.5	46.2	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.6	47.6
≥ 9000		33.7	38.8	40.1	44.7	45.4	47.1	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.5	48.5
≥ 8000		34.8	40.1	41.6	46.2	47.1	48.7	49.3	49.6	49.6	49.6	49.6	49.6	49.6	50.2	50.2
≥ 7000		36.8	42.1	43.6	48.4	49.3	50.9	51.5	51.8	51.8	51.8	51.8	51.8	51.8	52.4	52.4
≥ 6000		39.0	44.9	46.5	51.6	52.7	54.4	55.1	55.5	55.5	55.5	55.5	55.5	55.5	56.0	56.0
≥ 5000		43.2	50.4	52.0	58.4	59.5	61.2	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.8	62.8
≥ 4500		45.6	52.9	54.6	61.4	62.8	64.5	65.2	65.6	65.6	65.6	65.6	65.6	65.6	66.1	66.1
≥ 4000		46.9	54.2	55.9	62.6	64.3	65.9	66.7	67.2	67.4	67.4	67.4	67.4	67.4	67.9	67.9
≥ 3500		48.9	57.0	58.6	65.4	67.0	68.9	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.9	70.9
≥ 3000		51.3	59.3	61.0	67.8	69.4	71.2	72.0	72.5	72.7	72.7	72.7	72.7	72.7	73.3	73.3
≥ 2500		53.5	61.7	63.4	70.5	72.2	74.0	74.7	75.3	75.5	75.5	75.5	75.5	75.5	76.0	76.0
≥ 2000		57.0	65.6	67.2	74.5	76.2	78.0	78.8	79.3	79.5	79.5	79.5	79.5	79.5	80.0	80.0
≥ 1800		57.9	66.5	68.1	75.5	77.1	78.9	79.7	80.2	80.4	80.4	80.4	80.4	80.4	81.0	81.0
≥ 1500		60.6	69.6	71.2	78.8	80.6	82.4	83.5	84.1	84.4	84.4	84.4	84.4	84.4	85.0	85.0
≥ 1200		63.9	73.3	75.1	82.6	84.4	86.3	87.4	87.9	88.3	88.3	88.3	88.3	88.3	88.8	88.8
≥ 1000		65.4	74.9	76.7	84.4	86.6	88.5	89.6	90.1	90.5	90.8	90.8	91.0	91.0	91.6	91.6
≥ 900		66.5	76.2	78.0	85.9	88.1	89.9	91.0	91.6	91.9	92.3	92.3	92.5	92.5	93.0	93.0
≥ 800		67.2	76.9	78.9	86.8	89.2	91.4	92.5	93.0	93.4	93.8	93.8	94.0	94.0	94.5	94.5
≥ 700		68.3	78.0	80.2	88.3	90.7	93.0	94.1	94.7	95.1	95.4	95.4	95.6	95.6	96.2	96.2
≥ 600		69.0	79.3	81.5	89.6	92.1	94.9	96.2	96.7	97.1	97.4	97.4	97.6	97.6	98.2	98.2
≥ 500		69.0	79.3	81.5	89.7	92.3	95.2	96.5	97.1	97.4	97.8	97.8	98.0	98.0	98.5	98.5
≥ 400		69.0	79.3	81.5	89.7	92.3	95.2	96.7	97.3	97.8	98.2	98.2	98.4	98.4	98.9	98.9
≥ 300		69.0	79.3	81.5	89.7	92.5	95.4	96.9	97.4	98.2	98.7	98.9	99.1	99.1	99.6	99.6
≥ 200		69.0	79.3	81.5	89.7	92.5	95.4	96.9	97.4	98.2	98.7	98.9	99.1	99.1	99.6	99.6
≥ 100		69.0	79.3	81.5	89.7	92.5	95.4	96.9	97.4	98.2	98.7	98.9	99.1	99.1	99.6	99.6
≥ 0		69.0	79.3	81.5	89.7	92.5	95.4	96.9	97.4	98.2	98.7	98.9	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 546

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.3	19.6	20.6	22.6	23.3	24.1	24.9	25.1	25.1	25.6	26.1	26.2	26.4	26.4	26.4
≥ 20000		21.5	25.2	27.1	29.5	30.4	32.5	34.3	34.7	34.7	35.1	35.6	35.8	36.0	36.0	36.3
≥ 18000		21.5	25.2	27.1	29.5	30.4	32.5	34.3	34.7	34.7	35.1	35.6	35.8	36.0	36.0	36.3
≥ 16000		21.5	25.2	27.1	29.5	30.4	32.5	34.3	34.7	34.7	35.1	35.6	35.8	36.0	36.0	36.3
≥ 14000		21.9	25.7	27.6	30.4	31.2	33.3	35.1	35.5	35.5	36.0	36.5	36.6	36.8	36.8	37.1
≥ 12000		22.3	26.4	28.2	31.2	32.2	34.3	36.1	36.5	36.5	37.0	37.5	37.6	37.8	37.8	38.1
≥ 10000		24.4	29.0	30.9	34.3	35.5	38.3	40.4	40.9	40.9	41.4	41.9	42.1	42.2	42.4	42.7
≥ 9000		24.6	29.7	31.5	35.3	36.8	39.6	41.7	42.4	42.4	42.9	43.4	43.6	43.7	43.9	44.2
≥ 8000		24.6	30.2	32.2	36.1	37.6	40.4	42.6	43.2	43.2	43.9	44.4	44.6	44.7	44.9	45.2
≥ 7000		25.6	31.7	33.8	38.1	39.6	42.6	44.7	45.4	45.4	46.0	46.5	46.7	46.9	47.0	47.4
≥ 6000		27.7	34.5	36.6	41.3	42.7	45.9	48.2	48.8	48.8	49.5	50.2	50.3	50.5	50.7	51.0
≥ 5000		30.9	39.1	41.3	46.9	48.8	52.0	54.8	55.8	55.9	56.6	57.3	57.4	57.6	57.8	58.1
≥ 4500		32.5	41.6	43.9	49.5	51.8	55.1	57.9	58.9	59.1	59.7	60.4	60.6	60.7	60.9	61.2
≥ 4000		35.3	44.9	47.2	53.0	55.3	58.6	61.7	62.9	63.2	64.0	64.7	64.9	65.0	65.2	65.5
≥ 3500		38.1	48.2	50.5	56.4	58.9	62.5	66.0	67.2	67.5	68.3	69.0	69.1	69.3	69.5	69.8
≥ 3000		40.4	51.0	53.3	59.6	62.2	65.8	69.3	70.5	70.8	71.6	72.3	72.4	72.6	72.8	73.1
≥ 2500		41.1	51.8	54.1	60.4	63.0	66.7	70.1	71.3	71.6	72.4	73.1	73.3	73.6	73.8	74.1
≥ 2000		42.9	53.6	55.9	62.4	65.0	68.6	72.1	73.3	73.6	74.4	75.1	75.2	75.6	75.7	76.1
≥ 1800		43.9	55.0	57.6	64.2	67.0	70.6	74.1	75.2	75.6	76.4	77.1	77.2	77.6	77.7	78.1
≥ 1500		46.5	57.8	60.6	67.3	70.3	74.1	77.6	78.7	79.0	79.9	80.5	80.7	81.0	81.2	81.5
≥ 1200		49.0	60.7	63.7	70.5	73.4	77.4	81.0	82.2	82.5	83.3	84.0	84.2	84.5	84.7	85.0
≥ 1000		50.7	62.7	65.8	72.9	75.9	80.2	84.0	85.3	85.6	86.5	87.1	87.3	87.6	87.8	88.1
≥ 900		51.2	63.5	66.8	74.1	77.1	81.7	86.0	87.3	87.8	88.6	89.3	89.4	89.8	89.9	90.3
≥ 800		51.7	64.2	67.7	74.9	77.9	82.5	87.0	88.3	88.8	89.6	90.3	90.4	90.8	90.9	91.3
≥ 700		52.5	65.3	68.8	76.6	79.7	84.7	89.4	90.8	91.3	92.1	92.9	93.1	93.4	93.6	93.9
≥ 600		52.6	65.7	69.3	77.4	80.9	85.8	90.9	92.2	92.7	93.6	94.4	94.6	94.9	95.0	95.4
≥ 500		53.1	66.7	70.5	78.7	82.7	87.8	93.4	94.7	95.2	96.0	96.9	97.0	97.4	97.5	97.9
≥ 400		53.1	66.7	70.6	78.9	82.8	88.0	93.6	94.9	95.5	96.4	97.2	97.4	97.7	97.9	98.2
≥ 300		53.1	66.7	70.6	78.9	82.8	88.0	93.6	94.9	95.7	96.7	97.5	97.7	98.0	98.2	98.5
≥ 200		53.1	66.7	70.6	79.0	83.0	88.1	93.9	95.2	96.0	97.0	97.9	98.0	98.3	98.5	98.8
≥ 100		53.1	66.7	70.6	79.0	83.0	88.1	93.9	95.2	96.0	97.0	97.9	98.0	98.5	98.7	99.3
≥ 0		53.1	66.7	70.6	79.0	83.0	88.1	93.9	95.2	96.0	97.0	97.9	98.0	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 606

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.3	14.8	16.3	17.9	18.3	18.9	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.2
≥ 20000		22.6	24.9	27.1	29.1	30.1	30.9	32.2	33.1	33.2	33.2	33.4	33.4	33.5	33.5	33.7
≥ 18000		22.6	24.9	27.1	29.1	30.1	30.9	32.2	33.1	33.2	33.2	33.4	33.4	33.5	33.5	33.7
≥ 16000		23.1	25.4	27.5	29.5	30.5	31.4	32.7	33.5	33.7	33.7	33.8	33.8	34.0	34.0	34.1
≥ 14000		23.5	25.8	27.9	30.1	31.1	31.9	33.2	34.1	34.2	34.2	34.4	34.4	34.5	34.5	34.7
≥ 12000		25.6	28.1	30.2	32.5	33.5	34.4	35.7	36.5	36.8	36.8	37.0	37.0	37.1	37.1	37.2
≥ 10000		29.7	33.0	35.1	38.3	39.5	40.4	42.0	42.8	43.1	43.1	43.3	43.3	43.4	43.4	43.6
≥ 9000		31.2	34.8	37.2	40.5	42.1	43.1	44.7	46.0	46.3	46.3	46.4	46.4	46.6	46.6	46.7
≥ 8000		33.4	37.2	40.0	43.6	45.1	46.1	47.7	49.1	49.4	49.6	49.7	49.7	49.9	49.9	50.0
≥ 7000		34.2	38.5	41.3	44.8	46.4	47.4	49.0	50.4	50.7	50.9	51.0	51.0	51.1	51.1	51.3
≥ 6000		35.2	39.8	42.8	46.7	48.6	49.6	51.1	52.6	52.9	53.0	53.2	53.2	53.3	53.3	53.4
≥ 5000		37.7	42.6	46.1	50.7	52.7	53.9	55.7	57.2	57.6	57.7	57.9	57.9	58.0	58.0	58.2
≥ 4500		39.7	45.4	49.0	53.7	55.7	57.0	59.2	60.6	61.0	61.2	61.3	61.3	61.5	61.5	61.6
≥ 4000		41.1	47.4	51.0	55.9	57.9	59.2	61.3	62.8	63.2	63.3	63.5	63.5	63.6	63.6	63.8
≥ 3500		43.4	49.9	53.4	58.5	60.5	61.7	63.9	65.3	65.8	65.9	66.0	66.0	66.2	66.2	66.3
≥ 3000		44.7	51.7	55.3	60.5	62.5	63.8	65.9	67.3	67.8	67.9	68.1	68.1	68.2	68.2	68.3
≥ 2500		46.6	53.6	57.2	62.3	64.3	65.6	67.8	69.2	69.6	69.8	69.9	69.9	70.1	70.1	70.2
≥ 2000		47.6	54.6	58.2	63.3	65.3	66.6	68.9	70.3	70.8	70.9	71.1	71.1	71.2	71.2	71.3
≥ 1800		49.7	56.9	60.5	65.9	68.1	69.3	71.6	73.1	73.5	73.6	73.8	73.8	73.9	73.9	74.1
≥ 1500		53.4	61.0	64.8	70.3	72.5	73.8	76.1	77.5	77.9	78.1	78.2	78.2	78.4	78.4	78.5
≥ 1200		56.3	64.0	68.1	74.2	76.5	77.8	80.1	81.5	81.9	82.1	82.2	82.2	82.4	82.4	82.5
≥ 1000		58.9	66.8	70.8	77.5	79.8	81.2	83.7	85.1	85.5	85.7	85.8	85.8	86.0	86.0	86.1
≥ 900		59.9	67.9	72.2	79.1	81.4	83.0	85.5	87.0	87.4	87.5	87.7	87.7	87.8	87.8	88.0
≥ 800		60.3	68.8	73.4	80.8	83.1	84.8	87.4	88.8	89.3	89.4	89.5	89.5	89.7	89.7	89.8
≥ 700		60.3	69.1	73.6	81.5	83.8	85.5	88.8	90.4	90.8	91.0	91.1	91.1	91.3	91.3	91.4
≥ 600		61.2	70.2	74.9	83.7	86.2	88.4	92.4	94.0	94.4	94.6	94.7	94.7	94.8	94.8	95.0
≥ 500		61.5	70.6	75.4	84.4	87.1	89.8	94.3	96.0	96.4	96.6	96.7	96.7	96.8	96.8	97.0
≥ 400		61.5	70.6	75.4	84.8	87.5	90.3	94.8	96.6	97.0	97.1	97.3	97.3	97.4	97.4	97.6
≥ 300		61.5	70.6	75.4	85.0	87.7	90.5	95.4	97.6	98.0	98.1	98.3	98.3	98.6	98.6	98.7
≥ 200		61.5	70.6	75.4	85.0	87.7	90.5	95.6	97.9	98.3	98.6	98.7	98.9	99.1	99.3	99.6
≥ 100		61.5	70.6	75.4	85.0	87.7	90.5	95.6	97.9	98.3	98.6	98.7	98.9	99.1	99.3	99.7
0		61.5	70.6	75.4	85.0	87.7	90.5	95.6	97.9	98.3	98.6	98.7	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 698

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		10.6	11.6	12.0	12.4	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
≥ 20000		20.7	21.9	22.4	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 18000		20.7	21.9	22.4	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 16000		20.9	22.0	22.6	24.1	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 14000		21.3	22.6	23.1	25.0	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 12000		22.8	24.3	24.8	26.7	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 10000		26.0	27.4	28.1	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 9000		27.9	30.0	31.3	33.6	33.9	34.0	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 8000		29.8	32.0	33.3	35.8	36.2	36.4	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 7000		30.3	32.7	34.0	36.5	37.0	37.1	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 6000		32.0	34.4	35.7	38.5	38.9	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 5000		36.0	38.8	40.1	43.3	43.7	44.0	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 4500		38.1	41.3	42.6	45.8	46.3	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 4000		41.2	44.7	46.1	49.5	50.1	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 3500		46.1	49.6	51.1	54.4	55.0	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3000		51.3	55.0	56.6	60.1	60.6	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2500		61.1	64.7	66.4	70.2	70.8	71.5	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2000		68.3	71.9	73.8	77.6	78.1	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800		72.5	76.4	78.3	82.1	82.7	83.5	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500		75.0	79.3	81.1	84.9	85.5	86.5	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200		78.4	82.8	84.9	89.0	89.6	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000		80.0	84.5	86.9	91.4	92.1	93.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900		80.5	85.0	87.7	92.4	93.1	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800		81.0	85.6	88.3	94.1	94.8	95.9	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		81.1	86.0	88.7	95.1	96.1	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600		81.1	86.0	88.7	95.2	96.2	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		81.1	86.0	88.7	95.2	96.2	97.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		81.1	86.0	88.7	95.5	96.5	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		81.1	86.0	88.7	95.5	96.5	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		81.1	86.0	88.7	95.5	96.5	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		81.1	86.0	88.7	95.5	96.5	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		81.1	86.0	88.7	95.5	96.5	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		10.3	10.3	10.4	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
≥ 20000		23.5	24.5	24.9	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 18000		23.5	24.5	24.9	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 16000		23.6	24.6	25.0	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 14000		24.5	25.5	25.9	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 12000		25.6	26.8	27.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 10000		28.6	29.8	30.3	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 9000		30.0	31.3	32.0	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 8000		31.6	32.9	33.6	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 7000		33.0	34.5	35.2	36.8	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 6000		35.9	37.5	38.2	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 5000		42.1	43.8	44.5	46.2	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 4500		47.4	49.1	49.9	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 4000		51.8	53.6	54.6	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 3500		58.1	60.1	60.9	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3000		67.7	69.8	70.7	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500		77.1	79.5	80.4	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000		82.3	84.7	86.0	87.8	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800		83.5	86.1	87.6	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500		85.7	88.7	90.1	92.0	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200		88.7	92.0	93.4	95.6	95.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		88.8	92.1	93.6	95.9	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900		89.0	92.4	94.1	96.7	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		89.1	92.6	94.3	97.0	97.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		89.1	92.6	94.4	97.3	97.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		89.1	92.6	94.4	97.4	97.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		89.1	92.6	94.4	97.4	97.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		89.1	92.6	94.4	97.4	97.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.1	92.6	94.4	97.4	97.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.1	92.6	94.4	97.4	97.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.1	92.6	94.4	97.4	97.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.1	92.6	94.4	97.4	97.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 699

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.1	16.4	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 20000		31.8	33.1	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 18000		31.9	33.3	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 16000		31.9	33.3	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 14000		32.7	34.0	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 12000		34.5	36.0	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 10000		37.5	39.1	39.4	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000		39.3	40.9	41.2	41.6	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 8000		41.6	43.4	44.0	44.5	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 7000		43.6	45.5	46.1	46.6	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 6000		47.9	50.0	50.7	51.3	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 5000		55.8	58.7	59.7	60.3	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500		61.8	64.6	65.8	66.4	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000		67.6	70.4	71.9	72.7	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500		70.7	73.7	75.2	76.0	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000		74.6	77.8	79.3	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500		78.5	81.8	83.3	84.0	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000		82.5	86.1	87.9	88.7	89.1	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800		83.6	87.3	89.4	90.3	90.7	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500		86.1	90.1	92.2	93.3	93.7	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200		87.5	91.5	93.6	94.8	95.2	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000		88.4	92.5	94.9	96.2	96.7	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		88.8	93.0	95.4	96.7	97.2	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800		89.3	93.4	95.8	97.3	97.8	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		89.4	93.6	96.0	97.6	98.1	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		89.4	93.6	96.0	97.6	98.1	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		89.4	93.6	96.0	97.6	98.1	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		89.4	93.6	96.0	97.6	98.1	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		89.4	93.6	96.0	97.6	98.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.4	93.6	96.0	97.6	98.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.4	93.6	96.0	97.6	98.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		89.4	93.6	96.0	97.6	98.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 670

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		25.4	27.0	27.7	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 20000		42.3	44.4	45.3	45.9	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000		43.0	45.1	45.9	46.5	46.5	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000		43.2	45.3	46.1	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000		43.4	45.5	46.3	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000		46.1	48.4	49.5	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000		49.1	51.6	52.6	53.5	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 9000		52.2	54.7	55.8	56.6	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000		55.6	58.3	59.3	60.4	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000		58.7	61.6	62.7	63.7	63.9	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000		63.7	67.3	68.6	69.6	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000		67.7	71.5	73.2	74.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500		72.1	75.9	77.6	79.5	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000		75.3	79.2	81.1	83.2	83.4	83.4	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		77.1	81.6	83.4	85.5	85.7	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000		78.0	82.8	84.9	87.4	87.6	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500		80.3	85.7	88.1	90.6	90.8	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000		81.3	87.0	89.3	91.8	92.0	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		82.0	87.6	89.9	92.5	92.7	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		83.9	90.6	93.1	95.6	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200		84.3	91.2	93.7	96.4	96.6	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000		84.9	91.8	94.3	97.1	97.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		84.9	92.2	94.8	97.5	97.7	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800		84.9	92.2	94.8	97.7	97.9	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		85.3	92.7	95.2	98.1	98.5	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		85.3	92.7	95.2	98.1	98.5	98.5	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		85.3	92.7	95.2	98.1	98.5	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		85.3	92.7	95.2	98.1	98.5	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		85.3	92.7	95.2	98.1	98.5	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		85.3	92.7	95.2	98.1	98.5	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		85.3	92.7	95.2	98.1	98.5	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		85.3	92.7	95.2	98.1	98.5	98.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

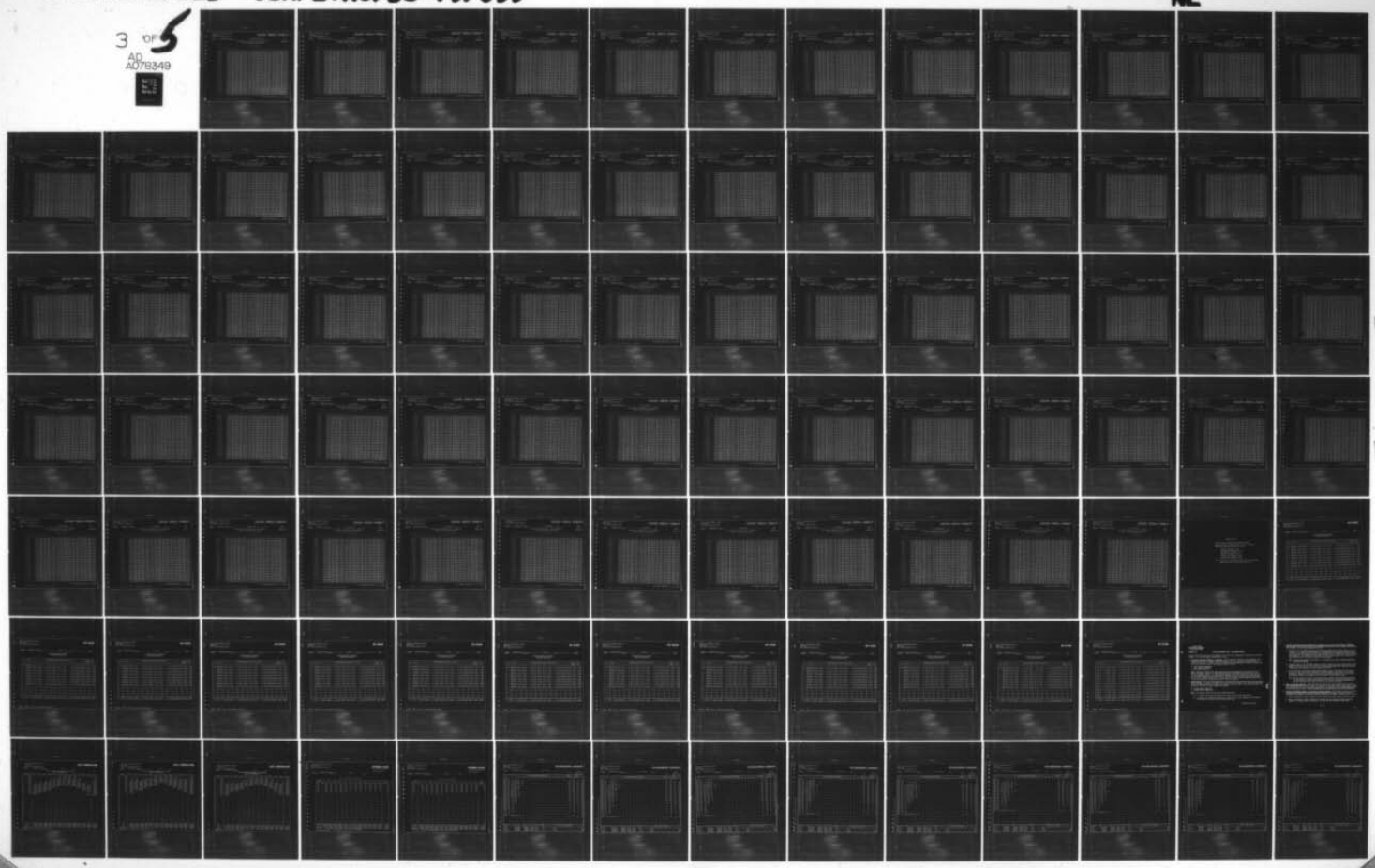
TOTAL NUMBER OF OBSERVATIONS 477

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A078 349 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FAIRFORD RAF, SWINDON, UNITED KINGDOM. REVISED UNIFORM SUMMARY --ETC(U)
MAR 79
UNCLASSIFIED USAFETAC/DS-79/099

NL

3 OF 5
AD A078349



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,72,74-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		34.3	37.2	39.7	40.4	40.4	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000		45.1	49.0	51.9	53.5	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000		45.1	49.0	51.9	53.5	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000		45.1	49.0	51.9	53.5	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000		45.6	49.4	52.4	54.0	54.2	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000		46.5	50.6	53.7	55.3	55.5	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000		47.6	53.0	56.2	58.5	58.7	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000		48.1	53.5	56.7	58.9	59.1	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000		50.3	56.0	59.4	61.9	62.1	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000		51.2	56.9	60.7	63.2	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000		53.7	60.0	63.9	66.8	67.0	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000		58.2	65.5	69.5	72.7	72.9	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500		61.6	69.1	73.4	76.5	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000		62.8	70.4	74.7	77.9	78.1	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500		63.9	72.0	76.5	79.9	80.1	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000		65.7	73.8	78.8	82.2	82.4	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500		67.9	76.3	81.3	84.7	84.9	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000		70.4	78.8	84.0	87.4	87.6	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800		71.1	79.5	84.7	88.0	88.3	88.9	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500		72.7	81.0	86.5	90.1	90.3	91.0	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200		74.0	83.1	88.5	92.8	93.0	93.7	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		74.3	83.7	89.2	93.7	93.9	94.6	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900		75.4	84.9	90.3	95.0	95.3	95.9	96.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		75.6	85.1	90.5	95.3	95.5	96.2	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700		75.8	85.3	90.7	95.7	96.2	96.8	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600		75.8	85.3	91.2	96.2	97.1	97.7	98.4	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		76.1	85.6	91.4	96.4	97.3	98.0	98.6	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400		76.1	85.6	91.9	96.8	97.7	98.4	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		76.1	85.6	91.9	96.8	97.7	98.4	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		76.1	85.6	91.9	96.8	97.7	98.4	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		76.1	85.6	91.9	96.8	97.7	98.4	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		76.1	85.6	91.9	96.8	97.7	98.4	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		17.8	19.5	20.3	21.3	21.5	21.8	22.1	22.2	22.2	22.2	22.3	22.3	22.3	22.4	22.4
≥ 20000		28.5	30.9	32.1	33.6	33.9	34.5	35.0	35.2	35.3	35.3	35.4	35.4	35.5	35.5	35.6
≥ 18000		28.6	31.0	32.2	33.6	34.0	34.6	35.1	35.3	35.3	35.4	35.5	35.5	35.5	35.6	35.7
≥ 16000		28.8	31.1	32.3	33.6	34.1	34.7	35.2	35.4	35.5	35.5	35.6	35.6	35.7	35.7	35.8
≥ 14000		29.2	31.6	32.8	34.4	34.7	35.3	35.8	36.0	36.1	36.1	36.2	36.2	36.3	36.3	36.4
≥ 12000		30.6	33.2	34.5	36.1	36.4	37.0	37.5	37.8	37.8	37.9	38.0	38.0	38.0	38.1	38.1
≥ 10000		33.3	36.3	37.6	39.7	40.3	41.0	41.6	41.8	41.9	41.9	42.0	42.0	42.1	42.1	42.2
≥ 9000		34.7	37.9	39.4	41.7	42.3	43.1	43.7	44.1	44.1	44.2	44.3	44.3	44.3	44.4	44.5
≥ 8000		36.5	39.9	41.5	44.0	44.7	45.5	46.1	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9
≥ 7000		38.0	41.6	43.2	45.8	46.5	47.3	47.9	48.3	48.3	48.4	48.5	48.5	48.6	48.7	48.7
≥ 6000		40.6	44.6	46.3	49.1	49.9	50.7	51.4	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2
≥ 5000		45.2	49.8	51.7	55.1	55.9	56.8	57.6	58.0	58.1	58.2	58.3	58.3	58.4	58.4	58.5
≥ 4500		48.6	53.5	55.5	59.0	59.9	60.8	61.7	62.1	62.1	62.3	62.4	62.4	62.4	62.5	62.6
≥ 4000		51.6	56.8	58.9	62.4	63.4	64.4	65.3	65.7	65.8	66.0	66.1	66.1	66.1	66.2	66.3
≥ 3500		54.8	60.3	62.5	66.0	67.0	68.0	69.0	69.5	69.6	69.7	69.8	69.8	69.9	69.9	70.0
≥ 3000		58.5	64.3	66.5	70.2	71.2	72.3	73.3	73.8	73.9	74.0	74.1	74.1	74.2	74.3	74.3
≥ 2500		62.9	68.8	71.0	74.8	75.8	77.0	78.0	78.4	78.5	78.7	78.8	78.8	78.9	78.9	79.0
≥ 2000		66.3	72.3	74.7	78.6	79.6	80.8	81.8	82.3	82.4	82.5	82.6	82.7	82.7	82.8	82.9
≥ 1800		67.9	74.1	76.6	80.5	81.6	82.8	83.8	84.3	84.4	84.6	84.7	84.7	84.7	84.8	84.9
≥ 1500		70.5	77.0	79.6	83.6	84.7	86.0	87.1	87.6	87.7	87.9	88.0	88.0	88.1	88.1	88.2
≥ 1200		72.8	79.6	82.3	86.7	87.8	89.1	90.2	90.7	90.9	91.0	91.1	91.1	91.2	91.3	91.3
≥ 1000		74.0	81.0	83.8	88.4	89.6	91.0	92.2	92.7	92.9	93.0	93.1	93.2	93.2	93.3	93.4
≥ 900		74.6	81.7	84.7	89.4	90.6	92.1	93.3	93.9	94.1	94.2	94.3	94.4	94.4	94.5	94.6
≥ 800		75.0	82.2	85.3	90.3	91.5	93.1	94.4	94.9	95.1	95.3	95.4	95.4	95.5	95.5	95.6
≥ 700		75.3	82.7	85.7	91.1	92.4	94.0	95.5	96.1	96.3	96.5	96.6	96.7	96.7	96.8	96.9
≥ 600		75.6	83.0	86.2	91.7	93.2	95.1	96.8	97.4	97.6	97.9	98.0	98.0	98.1	98.2	98.2
≥ 500		75.7	83.2	86.4	92.0	93.6	95.6	97.5	98.1	98.3	98.6	98.7	98.7	98.8	98.9	98.9
≥ 400		75.7	83.2	86.5	92.2	93.7	95.8	97.8	98.4	98.7	98.9	99.0	99.1	99.1	99.2	99.3
≥ 300		75.7	83.2	86.5	92.2	93.8	95.9	97.9	98.6	98.9	99.2	99.3	99.4	99.4	99.5	99.6
≥ 200		75.7	83.2	86.5	92.2	93.8	95.9	98.0	98.7	99.0	99.3	99.4	99.5	99.6	99.7	99.8
≥ 100		75.7	83.2	86.5	92.2	93.8	95.9	98.0	98.7	99.0	99.3	99.4	99.5	99.6	99.7	99.8
≥ 0		75.7	83.2	86.5	92.2	93.8	95.9	98.0	98.7	99.0	99.3	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4848

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		35.4	38.7	40.6	43.0	43.0	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8
≥ 20000		41.9	45.9	48.1	51.4	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
≥ 18000		41.9	45.9	48.1	51.4	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
≥ 16000		41.9	45.9	48.1	51.4	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
≥ 14000		42.4	46.3	48.6	51.9	52.2	52.9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8
≥ 12000		43.8	47.9	50.2	53.5	53.8	54.5	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4
≥ 10000		45.2	49.7	51.9	55.6	56.1	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6
≥ 9000		47.0	51.6	54.0	57.6	58.1	58.8	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
≥ 8000		47.9	52.5	54.9	58.6	59.1	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7
≥ 7000		48.9	53.7	56.2	59.9	60.5	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1
≥ 6000		50.3	55.6	58.1	61.8	62.6	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2
≥ 5000		53.0	58.9	61.9	65.8	66.7	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 4500		54.6	60.5	63.7	67.8	68.8	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4
≥ 4000		56.1	62.3	65.4	69.6	70.5	71.3	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3
≥ 3500		56.5	62.7	65.9	70.2	71.2	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9
≥ 3000		58.8	65.0	68.2	72.6	73.6	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 2500		60.8	67.2	70.5	75.2	76.1	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 2000		62.3	68.8	72.1	76.8	77.7	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8
≥ 1800		62.6	69.1	72.5	77.1	78.0	79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3
≥ 1500		63.7	70.2	73.6	78.2	79.1	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
≥ 1200		67.4	73.9	77.2	81.8	82.8	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4
≥ 1000		69.1	76.3	79.6	84.2	85.5	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 900		69.7	76.9	80.4	85.4	86.6	88.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5
≥ 800		70.7	78.3	82.2	87.4	88.9	90.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 700		71.0	78.7	82.8	88.2	89.6	91.4	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 600		72.0	79.8	83.9	89.6	91.2	93.0	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 500		72.0	79.8	84.6	90.6	92.2	93.9	96.2	96.5	96.8	96.8	96.8	96.8	96.8	97.0	97.0
≥ 400		72.0	79.9	84.9	91.6	93.2	94.9	97.1	97.5	97.9	97.9	97.9	97.9	97.9	98.1	98.1
≥ 300		72.0	79.9	84.9	91.7	93.5	95.4	97.8	98.2	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 200		72.0	79.9	84.9	92.0	93.8	95.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.7	99.7
≥ 100		72.0	79.9	84.9	92.0	93.8	95.9	98.6	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0
≥ 0		72.0	79.9	84.9	92.0	93.8	95.9	98.6	99.2	99.7	99.7	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		20.1	23.0	25.9	28.4	29.1	29.6	30.2	30.5	30.9	31.2	31.2	31.3	31.5	31.8	32.2
≥ 20000		25.5	29.0	32.2	36.2	37.2	38.7	39.2	39.8	40.4	40.7	40.7	41.0	41.3	41.6	42.0
≥ 18000		25.5	29.0	32.2	36.2	37.2	38.7	39.2	39.8	40.4	40.7	40.7	41.0	41.3	41.6	42.0
≥ 16000		25.5	29.0	32.2	36.2	37.2	38.7	39.2	39.8	40.4	40.7	40.7	41.0	41.3	41.6	42.0
≥ 14000		25.9	29.6	32.8	36.7	37.8	39.2	39.8	40.4	41.0	41.3	41.3	41.6	41.9	42.2	42.6
≥ 12000		26.8	30.6	33.8	38.1	39.1	40.7	41.3	41.9	42.6	42.9	42.9	43.2	43.5	43.8	44.2
≥ 10000		29.6	33.7	37.0	41.4	42.5	44.4	45.1	45.8	46.7	47.1	47.1	47.4	47.7	48.0	48.5
≥ 9000		31.3	35.7	39.4	44.1	45.2	47.1	47.9	48.6	49.5	49.9	49.9	50.2	50.5	50.8	51.2
≥ 8000		33.4	37.8	41.7	46.4	47.7	49.6	50.4	51.1	52.0	52.4	52.4	52.7	53.0	53.3	53.7
≥ 7000		34.0	38.4	42.3	47.0	48.3	50.2	51.0	51.7	52.6	53.0	53.0	53.3	53.7	54.0	54.5
≥ 6000		36.2	40.7	44.8	49.6	51.0	52.9	53.6	54.3	55.3	55.8	55.8	56.1	56.5	56.8	57.2
≥ 5000		38.4	43.2	47.7	53.0	54.5	57.0	57.8	58.9	59.9	60.3	60.3	60.6	61.1	61.3	61.8
≥ 4500		40.3	45.1	49.8	55.1	56.7	59.3	60.2	61.2	62.2	62.7	62.7	63.0	63.4	63.7	64.1
≥ 4000		41.0	46.1	50.8	56.5	58.1	60.9	62.1	63.1	64.1	64.6	64.6	64.9	65.3	65.6	66.0
≥ 3500		41.6	46.7	51.4	57.8	59.6	62.5	63.7	64.7	65.7	66.2	66.2	66.5	66.9	67.2	67.6
≥ 3000		43.6	48.8	53.4	60.2	62.1	65.2	66.3	67.3	68.4	68.8	68.8	69.1	69.5	69.8	70.3
≥ 2500		45.5	50.7	55.3	62.2	64.1	67.2	68.4	69.4	70.4	70.9	70.9	71.2	71.6	71.9	72.3
≥ 2000		46.9	52.3	57.2	64.1	66.0	69.1	70.3	71.3	72.3	72.8	72.8	73.1	73.5	73.8	74.2
≥ 1800		47.4	52.9	57.8	64.7	66.6	69.7	70.9	71.9	72.9	73.4	73.4	73.6	74.1	74.4	74.8
≥ 1500		49.2	55.1	60.0	66.9	68.8	72.0	73.2	74.4	75.4	75.8	75.8	76.1	76.6	76.9	77.3
≥ 1200		51.1	57.4	62.4	69.4	71.3	74.7	76.0	77.2	78.2	78.6	78.6	78.9	79.4	79.6	80.1
≥ 1000		52.1	58.6	63.5	70.6	72.5	76.0	77.5	78.6	79.6	80.1	80.1	80.4	80.8	81.1	81.6
≥ 900		52.6	59.4	64.6	71.9	73.8	77.3	78.9	80.2	81.3	81.7	81.7	82.0	82.4	82.7	83.2
≥ 800		53.3	60.3	65.7	74.1	76.0	79.5	81.3	82.6	83.6	84.0	84.0	84.3	84.8	85.1	85.5
≥ 700		54.6	62.5	68.2	76.9	78.9	82.4	84.2	85.8	86.8	87.3	87.3	87.6	88.0	88.3	88.7
≥ 600		54.9	62.8	68.7	77.9	81.0	84.9	86.7	88.6	89.6	90.0	90.0	90.3	90.8	91.1	91.5
≥ 500		54.9	63.0	69.1	79.1	82.3	86.4	88.6	90.6	91.7	92.1	92.1	92.4	93.1	93.4	93.9
≥ 400		54.9	63.0	69.4	79.6	83.2	88.0	90.6	92.8	94.1	94.6	94.6	94.9	95.6	95.9	96.3
≥ 300		55.1	63.1	69.5	79.9	83.6	88.4	91.2	93.6	95.2	95.8	95.8	96.2	96.9	97.2	97.7
≥ 200		55.1	63.1	69.5	79.9	83.6	88.7	91.9	94.4	96.0	96.6	96.6	97.1	97.8	98.1	98.5
≥ 100		55.1	63.1	69.5	80.1	83.9	89.0	92.4	95.0	96.6	97.2	97.2	97.7	98.5	99.0	99.6
≥ 0		55.1	63.1	69.5	80.1	83.9	89.0	92.4	95.0	96.6	97.2	97.2	97.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 683

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		21.7	24.0	26.1	28.1	29.0	29.8	30.1	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000		29.5	32.2	34.8	38.5	39.8	40.9	41.4	41.8	41.8	41.9	41.9	41.9	42.1	42.1	42.1
≥ 18000		29.7	32.4	35.0	38.7	39.9	41.1	41.5	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2
≥ 16000		29.7	32.4	35.0	38.7	39.9	41.1	41.5	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2
≥ 14000		29.8	32.5	35.1	38.8	40.1	41.2	41.7	42.2	42.2	42.4	42.4	42.4	42.5	42.5	42.5
≥ 12000		31.5	34.7	37.2	40.9	42.4	43.8	44.2	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.2
≥ 10000		33.2	36.4	38.9	42.9	44.4	46.1	46.5	47.4	47.4	47.5	47.5	47.5	47.6	47.6	47.6
≥ 9000		34.1	37.2	39.8	44.1	45.5	47.2	47.6	48.5	48.5	48.6	48.6	48.6	48.8	48.8	48.8
≥ 8000		34.8	38.1	40.9	45.5	47.1	48.8	49.2	50.1	50.1	50.2	50.2	50.2	50.4	50.4	50.4
≥ 7000		36.1	39.5	42.5	47.1	48.6	50.4	50.8	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9
≥ 6000		37.2	40.7	44.1	48.6	50.4	52.2	52.6	53.5	53.5	53.6	53.6	53.6	53.8	53.8	53.8
≥ 5000		40.1	43.9	47.8	52.8	54.5	56.8	57.2	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3
≥ 4500		41.8	45.8	49.9	55.1	56.9	59.2	59.6	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8
≥ 4000		42.5	46.5	50.6	55.8	57.6	59.9	60.3	61.2	61.2	61.5	61.5	61.5	61.6	61.6	61.6
≥ 3500		43.1	47.1	51.4	56.6	58.5	60.9	61.3	62.2	62.2	62.5	62.5	62.5	62.6	62.6	62.6
≥ 3000		44.5	48.5	52.9	58.3	60.3	62.8	63.2	64.1	64.1	64.3	64.3	64.3	64.5	64.5	64.5
≥ 2500		45.8	49.9	54.6	60.1	62.1	64.5	64.9	65.8	65.8	66.0	66.0	66.0	66.2	66.2	66.2
≥ 2000		48.9	53.4	58.2	63.6	65.8	68.3	68.9	69.8	69.8	70.0	70.0	70.0	70.2	70.2	70.2
≥ 1800		50.5	54.9	59.8	65.2	67.5	70.0	70.6	71.5	71.5	71.8	71.8	71.8	71.9	71.9	71.9
≥ 1500		52.2	56.6	61.5	66.9	69.2	71.9	72.5	73.3	73.3	73.6	73.6	73.6	73.8	73.8	73.8
≥ 1200		55.6	60.2	65.0	70.8	73.0	75.7	76.3	77.2	77.2	77.5	77.5	77.5	77.6	77.6	77.6
≥ 1000		58.3	62.9	68.0	74.3	76.6	79.3	79.9	80.9	80.9	81.2	81.2	81.2	81.3	81.3	81.3
≥ 900		59.3	64.1	69.8	76.6	78.9	81.6	82.5	83.6	83.6	83.9	83.9	83.9	84.0	84.0	84.0
≥ 800		60.5	65.9	71.8	78.9	81.3	84.2	85.2	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7
≥ 700		61.2	66.8	73.0	80.9	83.5	86.3	87.6	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.2
≥ 600		62.5	68.2	74.9	83.7	86.7	89.6	90.9	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.4
≥ 500		63.1	69.0	75.9	85.4	88.7	91.9	93.2	94.6	94.6	94.9	94.9	95.0	95.1	95.1	95.1
≥ 400		63.3	69.3	76.2	86.0	89.4	93.0	94.4	96.1	96.1	96.7	96.7	96.9	97.0	97.0	97.0
≥ 300		63.5	69.6	76.5	86.3	89.9	94.0	95.6	97.4	97.6	98.3	98.3	98.4	98.6	98.6	98.6
≥ 200		63.5	69.6	76.5	86.4	90.0	94.2	96.0	98.1	98.3	99.0	99.0	99.1	99.3	99.3	99.3
≥ 100		63.5	69.6	76.5	86.4	90.0	94.2	96.0	98.1	98.3	99.0	99.0	99.1	99.4	99.4	99.6
≥ 0		63.5	69.6	76.5	86.4	90.0	94.2	96.0	98.1	98.3	99.0	99.0	99.1	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 701

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		25.2	26.3	26.9	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000		36.8	38.0	38.9	39.6	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000		36.8	38.0	38.9	39.6	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000		36.8	38.0	38.9	39.6	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000		37.5	38.7	39.6	40.3	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000		39.4	40.8	41.7	42.7	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000		42.4	43.8	44.8	46.0	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 9000		42.9	44.3	45.3	46.6	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000		43.6	45.5	46.6	47.8	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 7000		43.6	45.5	46.6	47.8	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 6000		45.0	47.1	48.3	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 5000		48.0	50.5	51.6	53.3	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500		51.2	53.7	54.8	56.5	56.6	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000		51.7	54.3	55.4	57.1	57.2	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3500		55.1	57.6	58.7	60.4	60.6	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3000		60.3	62.8	63.9	65.6	65.7	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2500		66.6	69.4	70.6	72.3	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2000		71.9	74.8	76.1	77.9	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800		73.8	76.8	78.0	79.9	80.0	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500		77.3	80.7	82.2	84.2	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200		80.6	84.2	85.7	88.5	88.8	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1000		82.0	85.9	87.6	91.6	92.2	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900		82.5	86.9	88.8	93.0	93.6	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800		83.2	87.6	89.5	94.0	94.5	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700		83.8	88.3	90.2	95.2	95.9	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600		84.1	88.5	90.5	95.9	96.6	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500		84.3	89.0	90.9	96.6	97.3	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		84.3	89.0	90.9	96.6	97.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		84.3	89.0	90.9	96.6	97.6	98.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		84.3	89.0	90.9	96.6	97.6	98.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		84.3	89.0	90.9	96.6	97.6	98.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		84.3	89.0	90.9	96.6	97.6	98.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 715

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		25.7	25.7	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 20000		36.9	36.9	37.1	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000		36.9	36.9	37.1	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000		37.1	37.1	37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 14000		38.3	38.6	38.8	38.9	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 12000		39.0	39.3	39.5	39.7	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000		41.0	41.3	41.4	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 9000		41.3	41.6	41.7	42.1	42.3	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 8000		41.9	42.3	42.4	42.8	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 7000		42.3	42.7	42.8	43.3	43.5	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 6000		43.7	44.1	44.2	44.7	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 5000		50.8	51.8	52.2	53.1	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500		55.5	56.7	57.2	58.0	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000		60.3	61.7	62.1	62.9	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 3500		65.4	66.9	67.3	68.1	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000		73.6	75.3	75.7	76.7	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500		78.7	81.0	81.5	82.4	82.9	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000		81.5	83.8	84.4	85.8	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800		83.0	85.4	86.4	87.9	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500		84.7	87.5	88.8	90.7	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200		86.9	89.7	91.0	93.5	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000		88.2	91.2	92.7	96.2	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900		88.6	91.6	93.1	96.6	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		88.9	91.9	93.4	96.9	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		88.9	92.0	93.5	97.3	97.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		88.9	92.0	93.5	97.3	97.9	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		88.9	92.0	93.5	97.6	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		88.9	92.0	93.5	97.6	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		88.9	92.0	93.5	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		88.9	92.0	93.5	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		88.9	92.0	93.5	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		88.9	92.0	93.5	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		30.7	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 20000		42.4	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 18000		42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000		42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 14000		44.3	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000		45.2	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000		48.4	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 9000		49.2	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 8000		50.5	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 7000		51.2	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 6000		54.7	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000		64.0	65.1	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500		69.0	70.1	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000		74.2	75.3	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500		77.3	78.4	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000		80.4	81.5	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500		83.3	84.4	85.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000		86.4	87.7	88.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800		87.1	88.6	89.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500		88.9	90.5	91.4	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200		90.3	92.1	93.3	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000		91.2	93.3	94.5	96.6	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900		91.4	93.5	94.8	97.2	97.3	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		91.6	93.8	95.1	97.6	97.8	97.9	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		91.6	93.8	95.1	97.9	98.0	98.3	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600		91.7	94.0	95.4	98.3	98.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		91.7	94.0	95.4	98.3	98.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		91.7	94.0	95.4	98.3	98.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		91.7	94.0	95.4	98.3	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.7	94.0	95.4	98.3	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.7	94.0	95.4	98.3	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.7	94.0	95.4	98.3	98.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-64, 70-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		33.1	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 20000		48.6	49.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 18000		48.6	49.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000		48.8	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000		50.2	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000		51.4	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 10000		53.6	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000		54.8	56.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000		56.3	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 7000		57.1	59.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 6000		60.3	62.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000		68.5	71.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500		72.4	75.8	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000		73.8	77.4	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500		76.2	80.0	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000		77.6	81.3	83.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500		81.0	85.1	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000		82.9	87.1	89.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800		83.7	88.1	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500		84.3	88.7	90.7	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		85.9	90.3	92.3	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000		87.1	91.9	94.0	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		87.3	92.3	94.4	96.4	96.4	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		87.5	92.7	95.0	97.4	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700		87.5	92.9	95.4	98.0	98.0	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		87.9	93.5	96.0	98.8	98.8	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		87.9	93.5	96.0	98.8	98.8	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		87.9	93.5	96.0	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.9	93.5	96.0	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.9	93.5	96.0	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.9	93.5	96.0	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.9	93.5	96.0	98.8	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 504

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-72,74-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		37.1	39.2	40.5	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000		49.6	52.8	54.7	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000		49.6	52.8	54.7	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000		49.6	52.8	54.7	55.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000		50.0	53.6	55.5	56.8	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000		50.8	54.4	56.4	57.6	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000		51.9	56.1	58.3	59.7	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000		53.2	57.4	60.2	61.9	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000		54.4	59.1	62.3	64.0	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000		55.7	60.4	63.6	65.3	65.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000		57.0	62.3	65.9	67.8	68.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 5000		61.7	67.2	71.6	73.7	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500		65.7	71.2	75.8	78.0	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000		66.1	72.2	76.9	79.0	79.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		67.6	74.6	79.4	81.8	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000		69.9	77.3	82.4	84.7	85.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500		70.8	78.6	83.7	86.4	87.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000		72.2	80.5	85.6	88.3	89.0	90.0	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800		72.5	80.7	85.8	88.6	89.2	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500		72.9	81.1	86.2	89.0	89.8	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200		74.4	83.1	88.1	90.9	91.7	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000		75.4	84.1	89.2	91.9	92.8	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900		76.1	84.7	89.8	92.6	93.4	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800		76.3	85.2	90.3	93.4	94.3	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700		76.5	85.4	90.5	94.1	95.1	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600		76.5	85.6	90.7	94.3	95.3	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		76.7	85.8	90.9	94.5	95.8	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400		76.7	85.8	90.9	94.7	96.0	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		76.7	85.8	90.9	94.9	96.2	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		76.7	85.8	90.9	94.9	96.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		76.7	85.8	90.9	94.9	96.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		76.7	85.8	90.9	94.9	96.2	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 472

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		28.0	29.5	30.7	31.7	31.9	32.2	32.3	32.4	32.5	32.5	32.5	32.5	32.6	32.6	32.7
≥ 20000		38.0	39.9	41.4	43.1	43.5	44.0	44.2	44.4	44.4	44.5	44.5	44.5	44.6	44.7	44.7
≥ 18000		38.1	40.0	41.5	43.1	43.5	44.1	44.3	44.4	44.5	44.6	44.6	44.6	44.7	44.7	44.8
≥ 16000		38.2	40.1	41.5	43.2	43.6	44.1	44.3	44.5	44.6	44.6	44.6	44.7	44.7	44.8	44.8
≥ 14000		39.0	41.0	42.4	44.1	44.5	45.0	45.2	45.4	45.5	45.5	45.5	45.6	45.6	45.7	45.7
≥ 12000		40.2	42.3	43.8	45.6	46.0	46.6	46.8	47.0	47.1	47.1	47.1	47.2	47.2	47.3	47.3
≥ 10000		42.4	44.7	46.2	48.2	48.6	49.3	49.6	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.2
≥ 9000		43.4	45.8	47.5	49.6	50.0	50.7	51.0	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.6
≥ 8000		44.5	47.2	49.0	51.1	51.6	52.3	52.6	52.8	52.9	53.0	53.0	53.0	53.1	53.1	53.2
≥ 7000		45.3	48.0	49.8	51.9	52.4	53.1	53.4	53.6	53.7	53.8	53.8	53.9	53.9	54.0	54.1
≥ 6000		47.2	50.1	52.1	54.2	54.8	55.6	55.9	56.1	56.2	56.3	56.3	56.3	56.4	56.5	56.5
≥ 5000		52.1	55.5	57.8	60.3	61.0	61.9	62.2	62.4	62.6	62.7	62.7	62.7	62.8	62.8	62.9
≥ 4500		55.4	58.8	61.3	63.8	64.5	65.4	65.8	66.0	66.2	66.2	66.2	66.3	66.4	66.4	66.5
≥ 4000		57.4	61.0	63.5	66.1	66.8	67.8	68.1	68.4	68.5	68.6	68.6	68.7	68.7	68.8	68.9
≥ 3500		59.6	63.3	65.8	68.6	69.4	70.3	70.7	71.0	71.1	71.2	71.2	71.2	71.3	71.4	71.4
≥ 3000		62.9	66.7	69.3	72.3	73.0	74.0	74.4	74.7	74.8	74.9	74.9	75.0	75.0	75.1	75.2
≥ 2500		66.0	70.1	72.7	75.8	76.6	77.6	78.0	78.3	78.4	78.5	78.5	78.5	78.6	78.7	78.7
≥ 2000		68.7	72.9	75.7	78.9	79.7	80.8	81.2	81.4	81.6	81.7	81.7	81.7	81.8	81.9	81.9
≥ 1800		69.7	74.0	76.8	80.1	81.0	82.0	82.4	82.7	82.9	83.0	83.0	83.0	83.1	83.2	83.2
≥ 1500		71.4	75.8	78.8	82.2	83.0	84.2	84.6	84.9	85.1	85.2	85.2	85.2	85.3	85.4	85.4
≥ 1200		73.8	78.5	81.4	85.1	86.0	87.2	87.6	87.9	88.1	88.2	88.2	88.2	88.3	88.4	88.4
≥ 1000		75.2	80.1	83.2	87.3	88.3	89.6	90.2	90.5	90.6	90.8	90.8	90.8	90.9	90.9	91.0
≥ 900		75.8	80.8	84.0	88.4	89.4	90.7	91.4	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.3
≥ 800		76.3	81.6	84.9	89.7	90.7	92.1	92.8	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.7
≥ 700		76.7	82.2	85.7	90.8	91.9	93.4	94.2	94.6	94.8	94.9	94.9	95.0	95.0	95.1	95.2
≥ 600		77.2	82.7	86.3	91.8	93.1	94.7	95.6	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.6
≥ 500		77.3	82.9	86.7	92.4	93.8	95.6	96.6	97.1	97.3	97.5	97.5	97.5	97.6	97.7	97.8
≥ 400		77.3	83.0	86.8	92.7	94.2	96.2	97.3	98.0	98.2	98.4	98.4	98.5	98.6	98.6	98.7
≥ 300		77.4	83.0	86.8	92.8	94.4	96.5	97.8	98.5	98.8	99.0	99.0	99.1	99.2	99.3	99.3
≥ 200		77.4	83.0	86.8	92.9	94.5	96.5	98.0	98.8	99.1	99.3	99.3	99.4	99.5	99.6	99.6
≥ 100		77.4	83.0	86.8	92.9	94.5	96.6	98.1	98.9	99.2	99.4	99.5	99.5	99.7	99.8	99.9
≥ 0		77.4	83.0	86.8	92.9	94.5	96.6	98.1	98.9	99.2	99.4	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5128

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		27.0	28.8	30.4	32.7	33.1	33.4	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.9
≥ 20000		34.2	36.4	38.0	41.2	41.5	42.0	42.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.7
≥ 18000		34.2	36.4	38.0	41.2	41.5	42.0	42.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.7
≥ 16000		34.3	36.6	38.2	41.4	41.7	42.2	42.2	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.8
≥ 14000		35.8	38.0	39.6	42.8	43.1	43.6	43.6	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.2
≥ 12000		38.3	40.6	42.2	45.5	45.8	46.3	46.3	46.3	46.8	46.8	46.8	46.8	46.8	46.8	47.0
≥ 10000		40.4	42.7	44.2	47.6	47.9	48.4	48.4	48.4	48.9	48.9	48.9	48.9	48.9	48.9	49.0
≥ 9000		41.2	44.1	45.7	49.0	49.4	49.8	49.8	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.5
≥ 8000		43.3	46.5	48.2	51.9	52.2	52.7	52.7	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.4
≥ 7000		44.9	48.2	50.0	53.7	54.0	54.5	54.5	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 6000		47.4	51.4	53.8	57.7	58.0	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 5000		52.4	57.5	60.4	64.7	65.0	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.3
≥ 4500		56.2	62.1	65.3	69.6	70.0	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 4000		57.2	63.3	66.5	70.8	71.1	71.7	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.4
≥ 3500		58.5	64.9	68.1	72.7	73.0	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.6
≥ 3000		60.2	66.6	70.0	74.6	74.9	76.0	76.0	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 2500		61.3	67.9	71.2	75.9	76.4	77.5	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 2000		64.1	70.8	74.3	79.1	79.6	80.7	80.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 1800		64.9	71.6	75.1	80.0	80.7	81.8	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 1500		66.3	73.0	76.5	81.5	82.1	83.2	83.2	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 1200		68.8	75.9	79.9	85.3	86.1	87.2	87.2	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.9
≥ 1000		70.9	78.9	83.2	89.3	90.1	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 900		71.9	80.0	84.3	90.7	91.5	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.3
≥ 800		73.2	81.5	85.8	92.3	93.1	94.2	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 700		73.3	81.9	86.4	93.3	94.1	95.2	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 600		73.5	82.1	86.7	93.8	94.6	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.8
≥ 500		74.0	83.1	87.9	95.5	96.5	97.8	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 400		74.0	83.1	87.9	95.5	96.5	97.8	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.2
≥ 300		74.1	83.2	88.0	95.7	96.6	98.1	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 200		74.1	83.2	88.0	95.7	96.6	98.1	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100		74.1	83.2	88.0	95.7	96.8	98.2	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0		74.1	83.2	88.0	95.7	96.8	98.2	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.8	17.8	18.6	20.8	21.3	21.6	21.6	21.9	21.9	21.9	21.9	21.9	22.5	22.5	22.8
≥ 20000		21.6	25.7	27.1	29.6	30.1	30.4	30.5	31.0	31.0	31.0	31.0	31.0	31.6	31.6	32.2
≥ 18000		21.6	25.7	27.1	29.6	30.1	30.4	30.5	31.0	31.0	31.0	31.0	31.0	31.6	31.6	32.2
≥ 16000		21.6	25.7	27.1	29.6	30.1	30.4	30.5	31.0	31.0	31.0	31.0	31.0	31.6	31.6	32.2
≥ 14000		22.2	26.3	27.7	30.2	30.7	31.0	31.1	31.6	31.6	31.6	31.6	31.6	32.2	32.2	32.8
≥ 12000		24.4	28.6	30.1	32.9	33.4	33.7	33.8	34.3	34.3	34.3	34.3	34.3	34.9	34.9	35.6
≥ 10000		26.9	31.3	32.9	35.9	36.4	36.7	36.8	37.3	37.3	37.3	37.3	37.3	37.9	37.9	38.6
≥ 9000		29.3	34.1	35.9	39.4	39.8	40.3	40.4	40.9	40.9	40.9	40.9	40.9	41.5	41.5	42.2
≥ 8000		30.1	35.3	37.3	40.7	41.3	42.1	42.2	42.7	42.7	42.7	42.7	42.7	43.3	43.3	44.2
≥ 7000		31.0	36.7	38.6	42.2	43.0	43.7	43.9	44.3	44.3	44.3	44.3	44.3	44.9	44.9	45.8
≥ 6000		32.6	38.6	41.0	44.8	45.5	46.3	46.4	46.9	46.9	47.0	47.0	47.0	47.8	47.8	48.7
≥ 5000		35.5	42.2	44.9	49.9	51.3	52.5	52.7	53.3	53.3	53.4	53.4	53.4	54.2	54.2	55.1
≥ 4500		37.7	44.5	47.3	52.4	53.9	55.2	55.5	56.1	56.1	56.3	56.3	56.3	57.0	57.0	57.9
≥ 4000		39.5	46.4	49.4	54.6	56.1	57.5	57.9	58.5	58.5	58.7	58.7	58.7	59.4	59.4	60.5
≥ 3500		40.1	47.3	50.4	56.0	57.5	59.0	59.6	60.3	60.3	60.5	60.5	60.5	61.2	61.2	62.3
≥ 3000		42.2	49.9	53.1	59.3	60.9	62.6	63.2	63.9	63.9	64.1	64.1	64.1	64.8	64.8	65.9
≥ 2500		44.2	51.9	55.5	61.8	63.5	65.1	65.7	66.5	66.5	66.6	66.6	66.6	67.4	67.4	68.4
≥ 2000		47.2	54.9	58.5	65.3	67.1	68.9	69.5	70.2	70.2	70.4	70.4	70.4	71.3	71.3	72.3
≥ 1800		48.1	56.0	59.6	66.8	68.6	70.4	71.0	71.7	71.7	71.9	71.9	71.9	72.8	72.8	73.8
≥ 1500		50.1	58.5	62.3	70.1	71.9	73.7	74.4	75.1	75.1	75.3	75.3	75.3	76.2	76.2	77.2
≥ 1200		52.7	61.2	65.1	73.2	75.0	77.1	77.8	78.6	78.6	78.7	78.7	78.7	79.6	79.6	80.7
≥ 1000		54.9	63.9	68.0	76.6	78.4	80.7	81.6	82.3	82.3	82.5	82.5	82.5	83.4	83.4	84.4
≥ 900		55.1	64.5	68.9	78.3	80.1	82.5	83.4	84.3	84.3	84.4	84.4	84.4	85.3	85.3	86.4
≥ 800		56.1	65.6	70.5	80.4	82.2	84.9	85.8	86.7	86.7	86.8	86.8	86.8	87.7	87.7	88.8
≥ 700		56.7	66.3	71.3	81.9	83.7	86.5	87.4	88.3	88.3	88.5	88.5	88.5	89.4	89.4	90.4
≥ 600		57.8	67.8	72.9	83.7	85.6	88.8	89.7	91.0	91.0	91.2	91.2	91.2	92.1	92.1	93.1
≥ 500		58.1	68.4	73.5	84.6	86.8	90.1	91.0	92.4	92.4	92.5	92.5	92.5	93.4	93.4	94.5
≥ 400		58.1	68.7	73.8	85.3	87.7	91.0	92.2	93.6	93.7	93.9	93.9	93.9	94.8	94.8	95.8
≥ 300		58.1	68.7	73.8	85.3	87.9	91.3	92.7	94.6	95.1	95.2	95.4	95.4	96.4	96.4	97.5
≥ 200		58.1	68.7	73.8	85.5	88.0	91.5	93.3	95.4	96.1	96.3	96.4	96.7	97.8	97.8	99.0
≥ 100		58.1	68.7	73.8	85.5	88.0	91.5	93.3	95.5	96.6	96.7	96.9	97.2	98.4	98.4	99.7
≥ 0		58.1	68.7	73.8	85.5	88.0	91.5	93.3	95.5	96.6	96.7	96.9	97.2	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 668

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.6	15.7	18.1	19.3	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000		22.9	24.4	27.1	28.6	29.1	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	30.0
≥ 18000		22.9	24.4	27.1	28.6	29.1	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	30.0
≥ 16000		23.2	24.7	27.3	28.9	29.4	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.2
≥ 14000		23.8	25.3	27.9	29.4	30.0	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.8
≥ 12000		24.9	26.7	29.6	31.1	31.8	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.6
≥ 10000		28.9	30.9	34.3	36.3	37.0	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	38.0
≥ 9000		30.8	33.1	36.7	39.1	39.8	40.3	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.9
≥ 8000		31.6	34.4	38.4	40.9	41.7	42.5	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.1
≥ 7000		32.0	34.9	39.1	41.7	42.5	43.4	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.9
≥ 6000		33.6	36.7	41.3	44.3	45.3	46.1	46.4	46.4	46.5	46.5	46.5	46.5	46.7	46.7	46.8
≥ 5000		37.2	40.9	45.9	49.4	50.7	51.7	52.2	52.3	52.5	52.5	52.5	52.5	52.6	52.6	52.8
≥ 4500		39.6	43.9	49.2	52.9	54.6	55.5	56.1	56.2	56.4	56.4	56.4	56.4	56.5	56.5	56.6
≥ 4000		41.4	46.1	51.7	55.5	57.3	58.4	59.0	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.5
≥ 3500		43.2	48.2	53.7	57.6	59.4	60.5	61.2	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.7
≥ 3000		45.2	50.1	55.8	59.8	61.6	62.7	63.4	63.5	63.7	63.7	63.7	63.7	63.8	63.8	64.0
≥ 2500		46.8	51.8	57.6	62.0	63.8	65.1	65.7	65.9	66.0	66.0	66.0	66.0	66.2	66.2	66.3
≥ 2000		49.3	54.3	60.1	64.5	66.3	67.5	68.2	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.8
≥ 1800		50.4	55.5	61.3	66.0	67.8	69.1	69.8	69.9	70.0	70.0	70.0	70.0	70.2	70.2	70.3
≥ 1500		54.0	59.3	65.2	70.0	71.8	73.1	73.9	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.4
≥ 1200		57.2	62.7	68.8	73.6	75.6	77.1	78.0	78.2	78.3	78.3	78.3	78.3	78.5	78.5	78.6
≥ 1000		59.5	65.3	71.7	77.1	79.1	81.2	82.2	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.9
≥ 900		59.7	65.6	72.1	77.6	80.0	82.2	83.4	83.6	83.8	83.8	83.8	83.8	84.0	84.0	84.1
≥ 800		60.6	67.0	73.6	79.7	82.0	84.4	85.8	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.5
≥ 700		61.7	68.2	75.0	81.6	84.1	86.6	88.0	88.1	88.4	88.5	88.5	88.5	88.7	88.7	88.8
≥ 600		62.6	69.3	76.2	83.4	85.9	88.4	90.3	90.5	90.7	90.9	90.9	90.9	91.0	91.0	91.2
≥ 500		62.8	69.8	76.8	84.0	86.9	89.6	91.9	92.0	92.3	92.4	92.4	92.4	92.5	92.5	92.7
≥ 400		63.3	70.3	77.3	85.1	88.0	90.9	93.4	93.8	94.1	94.2	94.2	94.2	94.3	94.3	94.5
≥ 300		63.3	70.3	77.3	85.5	88.4	91.4	94.3	95.9	96.5	96.7	96.7	96.8	97.0	97.0	97.1
≥ 200		63.3	70.3	77.3	85.5	88.4	91.4	94.3	96.3	97.2	97.4	97.4	97.5	97.9	97.9	98.2
≥ 100		63.3	70.3	77.3	85.5	88.4	91.4	94.3	96.3	97.2	97.9	97.9	98.1	98.8	98.9	99.3
≥ 0		63.3	70.3	77.3	85.5	88.4	91.4	94.3	96.3	97.2	97.9	97.9	98.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.1	14.5	15.8	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 20000		21.4	21.8	23.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 18000		21.4	21.8	23.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 16000		21.5	21.9	23.4	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 14000		22.2	22.6	24.1	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 12000		23.8	24.5	25.9	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 10000		27.7	28.6	30.3	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 9000		28.9	30.0	31.6	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 8000		30.5	31.6	33.2	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 7000		31.6	32.8	34.5	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 6000		33.2	34.5	36.1	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 5000		39.3	40.8	42.7	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500		43.1	44.6	46.5	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 4000		46.2	47.7	49.6	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 3500		50.5	52.0	53.9	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 3000		55.7	57.3	59.3	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 2500		62.7	64.5	66.8	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2000		70.3	72.4	74.7	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1800		74.2	76.4	78.8	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500		78.5	81.2	83.8	86.4	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200		80.9	83.9	86.8	89.6	90.5	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000		82.2	85.4	88.4	91.4	92.3	92.7	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900		82.7	85.9	88.9	91.9	92.8	93.2	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800		83.5	86.9	90.0	93.0	93.9	94.5	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700		84.1	87.6	90.7	93.6	94.7	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600		84.3	88.1	91.5	94.6	95.9	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500		84.5	88.4	91.9	95.3	96.6	97.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400		84.5	88.5	92.0	95.4	96.9	98.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300		84.5	88.5	92.0	95.4	96.9	98.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		84.5	88.5	92.0	95.4	96.9	98.1	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.5	88.5	92.0	95.4	96.9	98.1	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.5	88.5	92.0	95.4	96.9	98.1	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.3	15.4	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 20000		24.9	25.7	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 18000		24.9	25.7	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 16000		25.6	26.4	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 14000		26.0	26.8	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 12000		28.2	29.0	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 10000		32.1	33.2	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 9000		33.1	34.2	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 8000		34.6	35.7	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 7000		36.3	37.4	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 6000		41.0	42.1	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000		49.9	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 4500		56.7	58.2	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 4000		60.4	61.9	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3500		66.1	67.6	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000		73.6	75.4	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500		80.8	82.6	83.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		87.1	89.0	89.9	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800		88.3	90.3	91.1	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500		90.0	92.4	93.2	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200		91.5	94.0	95.0	96.1	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		91.9	94.6	95.6	97.1	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900		91.9	94.6	95.8	97.5	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800		92.1	94.7	96.0	98.1	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700		92.4	95.0	96.3	98.5	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		92.5	95.1	96.4	98.8	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		92.5	95.1	96.5	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.5	95.1	96.5	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.5	95.1	96.5	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.5	95.1	96.5	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.5	95.1	96.5	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.5	95.1	96.5	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000		31.1	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 18000		31.2	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 16000		31.5	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 14000		33.1	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 12000		36.8	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 10000		40.2	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 9000		41.8	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 8000		45.6	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 7000		47.2	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 6000		53.2	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 5000		64.9	66.9	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500		70.0	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000		73.8	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500		77.7	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000		82.5	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500		86.6	88.9	89.2	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000		90.3	92.6	92.9	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800		90.6	93.0	93.3	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		92.2	95.1	95.6	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200		92.4	95.4	96.0	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000		92.7	95.7	96.3	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		92.7	95.7	96.3	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		93.3	96.3	96.9	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		93.7	96.7	97.3	98.1	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		93.7	96.7	97.3	98.1	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		93.7	96.7	97.4	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		93.9	96.9	97.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		93.9	96.9	97.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		93.9	96.9	97.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		93.9	96.9	97.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		93.9	96.9	97.6	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		21.6	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 20000		37.4	40.2	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000		37.8	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 16000		37.8	40.6	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 14000		38.9	41.6	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000		43.1	45.9	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000		47.1	50.1	50.3	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000		51.8	54.8	55.0	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000		55.2	58.6	59.0	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 7000		56.2	59.6	60.0	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 6000		62.4	66.2	67.0	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000		68.3	72.9	73.8	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500		73.4	78.0	79.1	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000		76.3	81.0	82.0	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500		78.6	83.3	84.4	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000		81.6	86.3	87.3	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500		83.1	87.7	88.8	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000		84.4	89.0	90.1	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800		85.0	89.6	90.7	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500		86.7	91.3	92.4	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200		88.2	93.0	94.3	95.6	95.8	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		89.0	94.1	95.3	97.3	97.5	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		89.0	94.1	95.3	97.3	97.5	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		89.4	94.5	95.8	97.7	97.9	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		89.4	94.5	96.0	97.9	98.1	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		89.4	94.7	96.2	98.3	98.5	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		89.4	94.7	96.2	98.5	98.7	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		89.4	94.7	96.2	98.5	98.7	99.2	99.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		89.4	94.7	96.2	98.5	98.7	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200		89.4	94.7	96.2	98.5	98.7	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 100		89.4	94.7	96.2	98.5	98.7	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0		89.4	94.7	96.2	98.5	98.7	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 473

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,73-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		21.1	25.2	26.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000		34.7	40.0	41.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000		34.7	40.0	41.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 16000		34.9	40.2	41.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000		35.9	41.2	42.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 12000		38.1	43.6	44.6	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 10000		41.4	46.9	48.0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 9000		42.7	48.2	49.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000		46.7	52.9	54.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000		48.0	54.1	56.0	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000		53.9	60.9	63.6	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000		59.0	66.2	69.3	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500		64.3	71.9	75.1	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000		67.2	74.8	78.0	81.0	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500		68.9	76.5	79.7	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000		70.6	78.2	81.4	84.4	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500		71.5	79.3	82.7	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000		72.7	80.5	83.9	87.3	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800		73.4	81.2	84.6	87.9	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500		74.4	82.7	86.3	89.6	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200		77.4	85.8	89.4	92.8	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000		78.6	87.5	91.3	95.3	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900		79.1	87.9	92.0	96.2	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800		79.9	89.0	93.4	97.7	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		79.9	89.0	93.4	97.9	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		79.9	89.2	93.7	98.5	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		79.9	89.2	93.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		79.9	89.2	93.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		79.9	89.2	93.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		79.9	89.2	93.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		79.9	89.2	93.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		79.9	89.2	93.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 473

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		17.9	19.3	20.3	21.2	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.7	21.7	21.7
≥ 20000		27.7	29.7	30.8	32.1	32.3	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.8
≥ 18000		27.8	29.8	30.9	32.2	32.4	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.8	32.8	32.9
≥ 16000		28.0	30.0	31.1	32.4	32.6	32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.1
≥ 14000		28.9	30.9	32.1	33.3	33.5	33.7	33.7	33.8	33.9	33.9	33.9	33.9	34.0	34.0	34.1
≥ 12000		31.3	33.4	34.6	36.0	36.2	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.8
≥ 10000		34.7	37.0	38.3	39.6	40.1	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.6
≥ 9000		36.5	39.0	40.5	42.1	42.3	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.8	42.8	42.9
≥ 8000		38.6	41.4	43.0	44.6	44.9	45.2	45.2	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.6
≥ 7000		39.8	42.7	44.3	46.0	46.3	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	47.1
≥ 6000		43.4	46.6	48.5	50.4	50.7	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.5
≥ 5000		49.6	53.4	55.6	57.8	58.3	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.3
≥ 4500		53.9	57.9	60.2	62.5	63.1	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.9	63.9	64.1
≥ 4000		56.5	60.6	63.0	65.4	66.0	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	67.1
≥ 3500		59.3	63.6	66.0	68.5	69.1	69.6	69.7	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.3
≥ 3000		62.9	67.3	69.8	72.5	73.1	73.6	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.3
≥ 2500		66.4	70.9	73.5	76.3	77.0	77.5	77.7	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.2
≥ 2000		70.2	74.8	77.4	80.4	81.2	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.5
≥ 1800		71.4	76.1	78.7	81.9	82.7	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.9	83.9	84.0
≥ 1500		73.7	78.7	81.4	84.7	85.6	86.2	86.5	86.6	86.7	86.7	86.7	86.7	86.8	86.8	87.0
≥ 1200		75.8	81.0	83.9	87.4	88.3	89.0	89.3	89.5	89.6	89.6	89.6	89.6	89.8	89.8	89.9
≥ 1000		77.2	82.7	85.7	89.7	90.7	91.5	91.9	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.5
≥ 900		77.4	83.0	86.2	90.4	91.4	92.3	92.7	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.4
≥ 800		78.2	83.9	87.3	91.6	92.7	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.6	94.6	94.8
≥ 700		78.6	84.4	87.8	92.4	93.5	94.7	95.1	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.8
≥ 600		79.0	85.0	88.4	93.3	94.4	95.6	96.1	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.9
≥ 500		79.1	85.2	88.8	93.9	95.1	96.4	97.1	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.9
≥ 400		79.2	85.4	89.0	94.2	95.5	96.8	97.6	97.9	98.0	98.1	98.1	98.1	98.3	98.3	98.5
≥ 300		79.2	85.4	89.0	94.2	95.6	97.0	97.9	98.4	98.7	98.8	98.8	98.8	99.0	99.0	99.2
≥ 200		79.2	85.4	89.0	94.3	95.6	97.0	98.0	98.6	99.0	99.1	99.1	99.2	99.4	99.4	99.6
≥ 100		79.2	85.4	89.0	94.3	95.6	97.1	98.0	98.7	99.0	99.3	99.3	99.3	99.6	99.6	99.9
≥ 0		79.2	85.4	89.0	94.3	95.6	97.1	98.0	98.7	99.0	99.3	99.3	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5125

USAF ETAC FORM JUL 64 0-14 (L A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		34.4	36.7	38.4	40.7	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.4
≥ 20000		40.7	43.4	45.1	48.1	48.6	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.3
≥ 18000		40.7	43.4	45.1	48.1	48.6	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.3
≥ 16000		40.7	43.4	45.1	48.1	48.6	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.3
≥ 14000		41.4	44.1	45.7	48.9	49.4	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.1
≥ 12000		42.4	45.1	46.7	49.9	50.4	51.1	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.1
≥ 10000		43.4	46.1	47.7	51.9	52.8	53.8	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.8
≥ 9000		43.9	46.6	48.9	53.1	53.9	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.4
≥ 8000		45.6	48.6	50.9	55.1	55.9	57.4	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4
≥ 7000		47.9	50.9	53.3	57.4	58.3	59.8	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.8
≥ 6000		50.4	53.4	55.8	60.1	60.9	62.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4
≥ 5000		55.9	59.6	61.9	66.6	67.4	68.9	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1
≥ 4500		58.1	61.8	64.1	68.8	69.8	71.3	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.5
≥ 4000		59.6	63.4	65.8	70.8	71.8	73.3	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.5
≥ 3500		61.1	64.9	67.3	72.5	73.8	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.5
≥ 3000		62.1	65.9	68.3	73.5	74.8	76.5	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.8
≥ 2500		63.8	67.8	70.3	75.6	77.0	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.0
≥ 2000		65.9	70.6	73.6	79.0	80.3	82.0	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.5
≥ 1800		66.3	71.1	74.3	79.8	81.1	83.0	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.6
≥ 1500		67.6	73.0	76.1	81.6	83.1	85.0	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥ 1200		68.6	74.5	77.6	83.8	85.3	87.1	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8
≥ 1000		71.3	77.6	80.8	87.3	88.8	91.0	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.8
≥ 900		71.6	78.1	81.3	88.1	89.8	92.2	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.2
≥ 800		72.0	78.5	81.6	88.6	90.3	93.0	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5
≥ 700		72.5	79.0	82.1	89.3	91.0	93.8	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5
≥ 600		72.8	79.3	82.5	90.0	91.7	94.7	95.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
≥ 500		73.0	79.5	82.6	90.5	92.2	95.3	96.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5
≥ 400		73.0	79.5	82.6	90.5	92.2	95.8	97.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2
≥ 300		73.0	79.5	82.6	90.5	92.3	96.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.8
≥ 200		73.0	79.5	82.6	90.5	92.3	96.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.8
≥ 100		73.0	79.5	82.6	90.5	92.3	96.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.8
≥ 0		73.0	79.5	82.6	90.5	92.3	96.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 599

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		20.4	24.1	24.6	27.5	27.6	28.3	29.2	29.5	29.8	29.8	29.8	29.8	29.8	29.8	30.7
≥ 20000		24.1	28.0	28.6	32.4	33.5	34.1	35.2	35.6	36.1	36.1	36.1	36.1	36.1	36.1	37.0
≥ 18000		24.1	28.0	28.6	32.4	33.5	34.1	35.2	35.6	36.1	36.1	36.1	36.1	36.1	36.1	37.0
≥ 16000		24.1	28.0	28.6	32.4	33.5	34.1	35.2	35.6	36.1	36.1	36.1	36.1	36.1	36.1	37.0
≥ 14000		25.2	29.0	29.6	33.8	34.9	35.5	36.6	37.0	37.5	37.5	37.5	37.5	37.5	37.5	38.4
≥ 12000		27.0	31.0	31.8	35.9	37.0	37.9	39.0	39.5	39.9	39.9	39.9	39.9	39.9	39.9	40.9
≥ 10000		28.6	32.6	33.3	38.1	39.2	40.2	41.3	41.8	42.2	42.2	42.2	42.2	42.2	42.2	43.2
≥ 9000		29.2	33.3	34.6	39.5	40.7	42.1	43.3	43.8	44.2	44.2	44.2	44.2	44.2	44.2	45.2
≥ 8000		30.9	35.0	36.4	41.6	42.9	44.2	45.5	45.9	46.4	46.4	46.4	46.4	46.4	46.4	47.5
≥ 7000		32.0	36.3	37.8	43.2	44.5	45.9	47.2	47.6	48.1	48.1	48.1	48.1	48.1	48.1	49.2
≥ 6000		35.0	39.6	41.2	46.7	48.1	49.6	50.8	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.8
≥ 5000		39.3	44.5	46.1	51.8	53.1	55.0	56.2	56.8	57.5	57.5	57.6	57.6	57.6	57.6	58.7
≥ 4500		41.9	47.2	48.7	54.4	55.8	57.6	58.8	59.4	60.1	60.1	60.2	60.2	60.2	60.2	61.3
≥ 4000		43.3	48.8	50.4	56.2	57.6	59.4	60.7	61.3	61.9	61.9	62.1	62.1	62.1	62.1	63.3
≥ 3500		45.3	50.8	52.4	58.4	59.8	61.8	63.0	63.6	64.2	64.2	64.4	64.4	64.4	64.4	65.6
≥ 3000		47.2	52.8	54.4	60.7	62.1	64.1	65.3	66.2	66.8	66.8	67.0	67.0	67.0	67.0	68.2
≥ 2500		48.7	54.5	56.5	62.8	64.2	66.4	67.7	68.8	69.4	69.4	69.6	69.6	69.6	69.6	70.8
≥ 2000		50.5	56.5	58.5	65.0	66.4	68.7	70.0	71.1	71.7	71.7	71.9	71.9	71.9	71.9	73.1
≥ 1800		51.0	57.0	59.0	65.4	66.8	69.1	70.7	71.7	72.4	72.4	72.5	72.5	72.5	72.5	73.7
≥ 1500		52.4	58.4	60.5	67.4	68.8	71.1	72.7	73.7	74.3	74.3	74.5	74.5	74.5	74.5	75.7
≥ 1200		54.1	60.7	63.1	70.8	72.4	74.8	76.3	77.4	78.3	78.3	78.5	78.5	78.5	78.5	79.7
≥ 1000		55.9	63.1	65.7	74.0	75.6	78.0	79.7	81.1	82.0	82.0	82.2	82.2	82.2	82.2	83.4
≥ 900		57.0	64.5	67.3	76.0	77.6	80.2	81.9	83.6	84.5	84.5	84.6	84.6	84.6	84.6	85.9
≥ 800		58.7	66.8	69.7	79.0	80.8	83.6	85.4	87.1	88.0	88.0	88.2	88.2	88.2	88.2	89.4
≥ 700		59.6	68.2	71.1	80.6	82.5	85.7	87.7	89.6	90.5	90.6	90.8	90.8	90.8	90.8	92.0
≥ 600		60.7	69.7	73.1	82.8	84.8	88.0	90.6	92.8	93.7	93.9	94.0	94.0	94.0	94.0	95.2
≥ 500		60.7	69.7	73.3	83.3	85.3	88.5	91.4	93.9	94.8	95.1	95.2	95.2	95.2	95.2	96.5
≥ 400		60.8	69.9	73.4	83.4	85.4	88.8	91.9	94.8	95.7	96.0	96.2	96.2	96.2	96.2	97.4
≥ 300		60.8	69.9	73.4	83.4	85.4	89.1	92.2	95.2	96.3	96.6	96.8	96.8	96.8	96.8	98.0
≥ 200		60.8	70.0	73.6	83.6	85.6	89.4	92.5	95.5	96.6	96.9	97.1	97.1	97.1	97.1	98.3
≥ 100		60.8	70.0	73.6	83.6	85.7	89.6	92.9	96.0	97.1	97.4	97.5	97.5	97.8	98.0	99.2
≥ 0		60.8	70.0	73.6	83.6	85.7	89.6	92.9	96.0	97.1	97.4	97.5	97.5	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.7	15.7	16.2	17.9	18.6	18.8	19.6	20.3	20.3	20.5	20.5	20.5	20.6	20.6	21.3
≥ 20000		18.6	21.2	22.3	26.7	28.1	28.5	29.5	30.4	30.6	30.8	30.8	30.8	30.9	30.9	31.8
≥ 18000		18.6	21.2	22.3	26.7	28.1	28.5	29.5	30.4	30.6	30.8	30.8	30.8	30.9	30.9	31.8
≥ 16000		18.8	21.3	22.5	26.8	28.2	28.7	29.7	30.5	30.8	30.9	30.9	30.9	31.1	31.1	31.9
≥ 14000		19.6	22.2	23.3	27.8	29.2	29.7	30.6	31.5	31.8	31.9	31.9	31.9	32.1	32.1	32.9
≥ 12000		21.6	24.4	25.7	30.4	31.8	32.2	33.6	34.5	34.7	34.9	34.9	34.9	35.0	35.0	35.9
≥ 10000		25.3	28.1	29.5	34.6	36.3	36.9	38.6	39.4	39.7	39.8	39.8	39.8	40.0	40.0	40.8
≥ 9000		27.3	30.5	32.1	37.4	39.1	39.7	41.5	42.4	42.7	42.8	42.8	42.8	42.9	42.9	43.8
≥ 8000		28.5	32.1	33.9	39.7	41.7	42.2	44.5	45.3	45.8	45.9	45.9	45.9	46.0	46.0	46.9
≥ 7000		29.5	33.3	35.3	41.4	43.4	44.1	46.3	47.2	47.6	47.7	47.7	47.7	47.9	47.9	48.7
≥ 6000		31.8	36.0	38.1	44.4	46.3	47.0	49.4	50.4	50.8	51.0	51.0	51.0	51.1	51.1	52.0
≥ 5000		34.9	39.3	41.8	48.2	50.3	51.0	53.8	55.1	55.5	55.6	55.6	55.6	55.8	55.8	56.6
≥ 4500		37.4	41.9	44.5	51.1	53.2	54.1	56.9	58.2	58.6	58.8	58.8	58.8	58.9	58.9	59.7
≥ 4000		39.1	43.8	46.3	53.1	55.2	56.1	58.9	60.3	60.7	60.9	60.9	60.9	61.0	61.0	61.9
≥ 3500		40.4	45.2	47.7	54.7	56.8	57.8	60.6	62.1	62.6	62.7	62.7	62.7	62.9	62.9	63.7
≥ 3000		42.7	47.5	50.0	56.9	59.0	60.0	62.9	64.4	64.8	65.3	65.3	65.3	65.4	65.4	66.2
≥ 2500		44.8	50.0	52.5	59.5	61.6	62.7	65.5	67.1	67.5	67.9	67.9	67.9	68.1	68.1	68.9
≥ 2000		46.2	51.7	54.5	61.4	63.6	64.7	67.5	69.1	69.5	70.1	70.1	70.1	70.2	70.2	71.0
≥ 1800		47.5	53.1	55.9	63.3	65.4	66.5	69.4	70.9	71.3	71.9	71.9	71.9	72.0	72.0	72.9
≥ 1500		48.9	54.9	57.8	65.4	67.5	68.6	71.5	73.2	73.6	74.2	74.2	74.2	74.3	74.3	75.1
≥ 1200		51.0	57.5	60.5	68.5	70.6	72.0	74.9	76.7	77.1	77.7	77.7	77.7	77.8	77.8	78.7
≥ 1000		52.8	59.9	63.0	71.8	74.0	75.8	78.7	80.5	80.9	81.5	81.5	81.5	81.6	81.6	82.5
≥ 900		54.1	61.3	64.5	73.9	76.3	78.2	81.1	83.1	83.5	84.0	84.0	84.0	84.2	84.2	85.0
≥ 800		55.4	62.9	66.1	75.8	78.4	80.5	83.5	85.6	86.2	86.7	86.7	86.7	86.9	86.9	87.7
≥ 700		55.5	63.0	66.5	76.7	79.5	82.2	85.3	87.6	88.1	88.7	88.7	88.7	88.8	88.8	89.7
≥ 600		56.1	63.7	67.5	78.0	80.8	83.6	87.0	89.4	90.1	90.7	90.7	90.7	90.8	90.8	91.7
≥ 500		56.2	64.1	68.1	79.1	82.1	84.9	88.4	91.0	91.8	92.4	92.5	92.5	92.7	92.7	93.5
≥ 400		56.4	64.4	68.5	79.8	82.8	85.6	89.4	92.2	93.4	93.9	94.1	94.1	94.2	94.2	95.1
≥ 300		56.5	64.5	68.6	80.1	83.2	86.0	90.3	93.4	94.9	95.6	95.9	95.9	96.0	96.0	96.9
≥ 200		56.5	64.5	68.6	80.2	83.3	86.3	90.7	94.2	95.9	96.8	97.0	97.0	97.3	97.5	98.4
≥ 100		56.5	64.5	68.6	80.2	83.3	86.3	90.7	94.2	95.9	96.8	97.2	97.2	97.9	98.0	99.0
≥ 0		56.5	64.5	68.6	80.2	83.3	86.3	90.7	94.2	95.9	96.8	97.2	97.2	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 708

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.5	17.5	18.7	19.9	19.9	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 20000		23.1	26.2	27.6	29.6	29.6	29.7	29.7	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 18000		23.1	26.2	27.6	29.6	29.6	29.7	29.7	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 16000		23.1	26.2	27.6	29.6	29.6	29.7	29.7	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 14000		23.9	27.0	28.5	30.4	30.4	30.6	30.6	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 12000		26.1	29.2	30.6	32.8	32.8	33.0	33.2	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 10000		30.1	33.4	34.9	37.2	37.2	37.3	37.6	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 9000		31.7	34.9	36.9	39.3	39.3	39.4	39.7	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 8000		33.9	37.2	39.2	41.7	41.7	42.0	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000		35.1	38.6	40.6	43.2	43.2	43.5	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 6000		37.0	40.7	42.8	45.5	45.5	45.8	46.1	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 5000		40.8	44.5	46.8	49.4	49.4	49.7	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 4500		43.4	47.0	49.4	52.1	52.1	52.4	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 4000		45.2	49.2	51.5	54.4	54.4	54.6	54.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 3500		47.5	51.4	53.8	56.6	56.6	56.9	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3000		51.1	55.2	57.6	60.8	60.8	61.1	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 2500		59.3	63.4	65.8	69.0	69.0	69.3	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 2000		65.5	69.7	72.3	75.8	75.8	76.1	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1800		68.0	72.3	74.8	78.3	78.3	78.6	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1500		71.1	75.5	78.2	82.5	82.8	83.1	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200		74.2	79.2	81.8	86.6	87.2	87.6	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000		76.8	82.1	84.8	90.4	91.0	91.7	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900		77.3	82.7	85.4	91.5	92.3	93.0	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800		78.0	83.7	86.5	92.8	93.9	94.6	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700		78.2	83.9	86.9	93.7	94.8	95.5	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600		78.3	84.1	87.0	93.9	95.1	95.9	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500		78.5	84.2	87.2	94.1	95.4	96.6	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		78.5	84.2	87.2	94.1	95.4	97.2	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		78.5	84.2	87.2	94.1	95.4	97.3	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		78.5	84.2	87.2	94.1	95.4	97.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		78.5	84.2	87.2	94.1	95.4	97.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		78.5	84.2	87.2	94.1	95.4	97.3	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		19.4	19.4	20.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 20000		26.3	26.8	28.0	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 18000		26.3	26.8	28.0	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 16000		26.3	26.8	28.0	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 14000		28.0	28.5	29.7	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 12000		30.0	30.9	32.2	32.9	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 10000		34.1	35.1	36.4	37.5	37.7	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 9000		35.4	36.5	38.0	39.2	39.4	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 8000		37.3	38.4	40.2	41.9	42.1	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 7000		37.7	39.0	40.8	42.5	42.6	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 6000		40.2	41.5	43.3	45.0	45.3	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 5000		45.9	47.5	49.4	51.3	51.6	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 4500		52.0	53.7	55.7	57.6	57.9	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000		55.4	57.1	59.1	61.0	61.3	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500		61.2	63.2	65.2	67.6	67.8	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000		67.0	69.1	71.2	73.8	74.1	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500		74.6	76.9	79.2	81.7	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000		79.2	81.6	83.9	86.4	86.7	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800		81.2	83.6	86.1	88.8	89.1	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500		83.3	86.3	88.8	92.2	92.5	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200		85.0	88.2	91.2	94.9	95.3	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		85.1	88.5	91.5	95.2	95.6	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900		85.4	88.8	91.9	95.6	96.0	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800		86.0	89.4	92.5	96.5	96.9	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		86.1	89.5	92.6	96.7	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		86.3	89.8	92.9	97.2	97.7	98.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		86.3	89.8	92.9	97.2	98.2	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		86.3	89.8	92.9	97.3	98.3	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		86.3	89.8	92.9	97.3	98.3	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		86.3	89.8	92.9	97.3	98.3	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		86.3	89.8	92.9	97.3	98.3	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		86.3	89.8	92.9	97.3	98.3	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		23.7	24.1	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 20000		32.9	33.5	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 18000		33.2	33.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 16000		33.2	33.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 14000		34.5	35.1	36.2	36.3	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 12000		38.0	38.6	39.7	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000		41.8	42.8	44.2	45.4	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000		43.7	44.8	46.9	48.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000		45.1	46.2	48.6	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 7000		46.8	47.8	50.2	51.4	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 6000		51.6	52.8	55.2	56.7	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 5000		61.8	63.2	65.8	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500		68.9	70.4	73.0	74.8	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000		72.7	74.2	76.8	78.7	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500		75.4	77.1	79.6	81.7	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000		76.8	78.6	81.4	84.0	84.0	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500		80.1	82.2	85.1	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000		83.1	85.4	88.4	91.3	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800		84.3	86.6	89.6	92.5	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500		85.8	88.1	91.1	94.1	94.1	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200		86.7	89.0	92.3	95.3	95.3	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000		87.2	89.4	92.9	96.4	96.4	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900		87.5	89.7	93.2	96.7	96.7	97.3	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800		87.8	90.0	93.5	97.3	97.3	97.9	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		87.8	90.0	93.5	97.3	97.3	98.0	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		87.8	90.0	93.5	97.4	97.4	98.2	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		87.8	90.0	93.5	97.4	97.4	98.2	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		87.8	90.0	93.5	97.4	97.4	98.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		87.8	90.0	93.5	97.4	97.6	98.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.8	90.0	93.5	97.4	97.6	98.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.8	90.0	93.5	97.4	97.6	98.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.8	90.0	93.5	97.4	97.6	98.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		26.0	26.6	26.6	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000		40.4	41.9	41.9	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000		40.4	41.9	41.9	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 16000		40.4	41.9	41.9	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000		41.6	43.1	43.1	44.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 12000		43.7	45.1	45.1	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000		48.3	50.1	50.5	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000		51.5	53.5	54.1	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000		53.9	55.9	56.5	58.8	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000		55.3	57.3	57.9	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000		59.8	62.0	62.6	65.4	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000		68.0	70.8	71.6	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500		72.8	75.7	76.5	79.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000		74.6	77.5	78.3	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500		76.1	79.1	79.9	82.9	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000		77.3	80.3	81.1	84.1	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500		78.3	81.5	82.3	85.3	86.1	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000		80.3	83.7	84.7	87.7	88.5	88.7	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800		81.1	84.5	85.5	88.5	89.3	89.5	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500		82.9	86.5	87.5	90.5	91.3	91.8	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200		83.3	86.9	88.1	91.8	92.6	93.6	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000		83.7	87.7	89.3	93.4	94.2	95.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900		84.1	88.1	89.7	94.2	95.0	96.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800		84.1	88.1	89.7	94.2	95.0	96.8	97.8	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥ 700		84.1	88.1	89.7	94.2	95.0	96.8	97.8	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥ 600		84.1	88.1	89.7	94.6	95.6	97.6	98.6	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 500		84.5	88.5	90.1	95.2	96.0	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 400		84.5	88.5	90.1	95.2	96.0	98.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300		84.5	88.5	90.1	95.2	96.0	98.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200		84.5	88.5	90.1	95.2	96.0	98.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100		84.5	88.5	90.1	95.2	96.0	98.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0		84.5	88.5	90.1	95.2	96.0	98.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 497

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,72-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		39.4	40.4	41.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 20000		47.7	49.4	50.0	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000		47.7	49.4	50.0	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000		47.7	49.4	50.0	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000		48.1	49.8	50.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000		49.8	51.5	52.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000		52.6	54.3	54.9	58.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 9000		55.5	57.7	58.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000		58.5	60.9	62.1	65.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000		60.9	63.2	64.7	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000		63.4	65.7	67.2	70.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000		67.7	70.0	71.7	76.2	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500		69.1	71.5	73.4	77.9	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000		69.8	72.3	74.3	78.7	80.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500		71.9	74.5	76.6	81.3	83.0	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000		74.0	76.6	78.7	83.4	85.1	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500		75.5	78.3	80.4	85.3	87.0	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000		77.0	80.0	82.1	87.0	88.7	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800		77.2	80.2	82.6	87.4	89.1	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		78.9	82.6	84.9	89.8	91.5	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200		79.8	83.6	86.0	90.9	92.6	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000		81.3	85.1	87.4	92.3	94.0	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		81.3	85.1	87.4	92.6	94.3	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800		82.1	86.0	88.3	93.4	95.1	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700		83.2	87.0	89.4	94.5	96.2	97.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		83.6	87.4	89.8	94.9	96.6	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		83.8	87.7	90.0	95.1	96.8	98.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		83.8	87.7	90.0	95.1	96.8	98.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		83.8	87.7	90.0	95.1	96.8	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		83.8	87.7	90.0	95.1	96.8	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		83.8	87.7	90.0	95.1	96.8	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		83.8	87.7	90.0	95.1	96.8	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) AUG (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		23.1	24.6	25.4	26.7	26.9	27.0	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.8
≥ 20000		30.5	32.6	33.6	35.9	36.3	36.6	36.9	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.5
≥ 18000		30.5	32.6	33.6	35.9	36.4	36.6	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.6
≥ 16000		30.6	32.6	33.6	35.9	36.4	36.6	37.0	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.6
≥ 14000		31.6	33.7	34.7	37.1	37.5	37.7	38.1	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.8
≥ 12000		33.6	35.8	36.9	39.4	39.8	40.1	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.3
≥ 10000		36.9	39.2	40.3	43.3	44.0	44.4	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.6
≥ 9000		38.5	41.0	42.6	45.7	46.4	46.9	47.5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	48.2
≥ 8000		40.4	43.0	44.7	48.0	48.8	49.3	50.0	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.7
≥ 7000		41.8	44.5	46.3	49.7	50.4	51.0	51.6	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.4
≥ 6000		44.7	47.6	49.5	53.0	53.8	54.4	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.8
≥ 5000		50.3	53.5	55.5	59.3	60.1	60.8	61.6	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.4
≥ 4500		54.1	57.3	59.3	63.2	64.0	64.7	65.5	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.4
≥ 4000		56.1	59.5	61.6	65.5	66.4	67.1	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.7
≥ 3500		58.6	62.1	64.1	68.3	69.2	69.9	70.7	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.6
≥ 3000		61.1	64.6	66.8	71.1	72.0	72.8	73.6	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.6
≥ 2500		64.7	68.5	70.7	75.1	76.0	76.8	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.7
≥ 2000		67.7	71.7	74.1	78.5	79.4	80.3	81.2	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.3
≥ 1800		68.9	72.9	75.4	79.9	80.8	81.7	82.6	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.8
≥ 1500		70.7	75.0	77.5	82.4	83.4	84.3	85.2	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.4
≥ 1200		72.2	76.9	79.6	84.9	86.0	87.1	88.1	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.3
≥ 1000		73.7	78.7	81.5	87.2	88.3	89.6	90.7	91.4	91.6	91.7	91.7	91.7	91.7	91.7	92.0
≥ 900		74.2	79.3	82.2	88.2	89.4	90.8	91.9	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.4
≥ 800		75.0	80.2	83.1	89.4	90.7	92.2	93.6	94.4	94.6	94.7	94.7	94.7	94.8	94.8	95.1
≥ 700		75.3	80.6	83.6	90.1	91.4	93.1	94.5	95.4	95.6	95.7	95.7	95.7	95.8	95.8	96.1
≥ 600		75.7	81.1	84.1	90.8	92.2	94.0	95.6	96.5	96.8	96.9	96.9	96.9	96.9	96.9	97.3
≥ 500		75.8	81.2	84.3	91.2	92.6	94.6	96.3	97.3	97.6	97.7	97.8	97.8	97.8	97.8	98.1
≥ 400		75.8	81.3	84.4	91.3	92.8	94.9	96.7	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.7
≥ 300		75.8	81.3	84.4	91.4	92.9	95.0	96.9	98.2	98.6	98.8	98.9	98.9	98.9	98.9	99.2
≥ 200		75.8	81.3	84.5	91.4	92.9	95.1	97.1	98.4	98.9	99.1	99.1	99.1	99.2	99.2	99.5
≥ 100		75.8	81.3	84.5	91.4	92.9	95.1	97.1	98.4	98.9	99.1	99.2	99.2	99.4	99.4	99.7
≥ 0		75.8	81.3	84.5	91.4	92.9	95.1	97.1	98.4	98.9	99.1	99.2	99.2	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5004

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		21.3	24.3	25.0	27.2	28.0	29.2	30.2	30.4	30.7	30.9	30.9	31.0	31.0	31.0	31.5
≥ 20000		24.8	28.2	29.0	32.4	33.4	35.4	36.9	37.6	38.1	38.3	38.3	38.4	38.4	38.4	38.9
≥ 18000		24.8	28.2	29.0	32.4	33.4	35.4	36.9	37.6	38.1	38.3	38.3	38.4	38.6	38.6	39.1
≥ 16000		24.8	28.2	29.0	32.4	33.4	35.4	36.9	37.6	38.1	38.3	38.3	38.4	38.6	38.6	39.1
≥ 14000		25.0	28.4	29.2	32.6	33.6	35.6	37.1	37.8	38.3	38.4	38.4	38.6	38.8	38.8	39.3
≥ 12000		26.3	30.4	31.2	34.6	35.6	37.6	39.1	39.8	40.3	40.4	40.4	40.6	40.8	40.8	41.3
≥ 10000		28.2	32.7	33.6	37.1	38.1	40.3	41.9	42.6	43.1	43.3	43.3	43.5	43.6	43.6	44.1
≥ 9000		29.0	33.6	34.4	37.9	39.1	41.3	43.1	43.8	44.3	44.5	44.5	44.6	44.8	44.8	45.3
≥ 8000		30.9	35.7	36.6	40.1	41.6	44.0	45.8	46.5	47.0	47.1	47.1	47.3	47.5	47.5	48.0
≥ 7000		32.0	37.6	39.1	43.0	44.5	46.8	48.7	49.3	49.8	50.0	50.0	50.2	50.3	50.3	50.8
≥ 6000		34.4	39.9	41.4	45.6	47.3	49.8	51.7	52.3	52.9	53.0	53.0	53.2	53.4	53.4	53.9
≥ 5000		39.6	46.3	48.2	52.3	54.0	56.7	58.7	59.4	60.1	60.2	60.2	60.6	60.9	60.9	61.4
≥ 4500		40.9	47.7	49.5	54.2	55.9	58.9	60.9	61.6	62.2	62.4	62.4	62.8	63.1	63.1	63.6
≥ 4000		42.4	49.2	51.0	55.9	57.6	60.6	62.8	63.4	64.1	64.3	64.3	64.6	64.9	64.9	65.4
≥ 3500		44.1	51.8	53.7	60.1	62.1	65.3	67.4	68.3	69.0	69.1	69.1	69.5	69.8	69.8	70.3
≥ 3000		46.0	53.9	55.7	62.1	64.4	68.0	70.1	71.1	71.8	72.0	72.0	72.3	72.7	72.7	73.2
≥ 2500		48.0	55.9	57.9	64.3	66.6	70.5	72.8	73.8	74.7	74.8	74.8	75.2	75.5	75.5	76.0
≥ 2000		51.8	60.2	62.2	69.0	71.3	75.2	77.5	78.5	79.4	79.5	79.5	79.9	80.2	80.2	80.7
≥ 1800		53.2	61.6	63.8	70.6	73.0	76.8	79.2	80.2	81.0	81.2	81.2	81.5	81.9	81.9	82.4
≥ 1500		55.4	63.9	66.6	73.5	76.2	80.0	82.4	83.4	84.2	84.4	84.4	84.7	85.1	85.1	85.6
≥ 1200		58.6	67.3	70.0	76.8	79.7	83.7	86.1	87.4	88.3	88.4	88.4	88.8	89.1	89.1	89.6
≥ 1000		59.7	68.5	71.1	78.0	80.9	85.2	87.8	89.1	89.9	90.1	90.1	90.4	90.8	90.8	91.3
≥ 900		59.7	68.5	71.1	78.2	81.0	85.4	88.3	89.6	90.4	90.6	90.6	90.9	91.3	91.3	91.8
≥ 800		60.4	69.1	71.8	79.2	82.0	86.6	89.8	91.3	92.3	92.4	92.4	92.8	93.1	93.1	93.6
≥ 700		60.9	69.8	72.5	80.2	83.2	87.9	91.4	93.1	94.1	94.3	94.3	94.6	95.0	95.0	95.5
≥ 600		60.9	69.8	72.7	80.5	83.6	88.3	91.9	93.6	94.6	94.8	94.8	95.1	95.5	95.5	96.0
≥ 500		60.9	70.0	72.8	80.9	84.4	89.4	93.6	95.3	96.3	96.5	96.5	96.8	97.1	97.1	97.7
≥ 400		60.9	70.0	72.8	80.9	84.4	89.4	93.8	95.5	96.5	96.6	96.6	97.0	97.3	97.3	97.8
≥ 300		60.9	70.0	72.8	81.0	84.7	89.8	94.6	96.3	97.3	97.5	97.5	97.8	98.2	98.2	98.8
≥ 200		60.9	70.0	72.8	81.0	84.7	89.8	94.6	96.3	97.5	97.7	97.7	98.0	98.3	98.3	99.2
≥ 100		60.9	70.0	72.8	81.0	84.7	89.8	94.6	96.3	97.7	97.8	97.8	98.2	98.5	98.5	99.3
≥ 0		60.9	70.0	72.8	81.0	84.7	89.8	94.6	96.3	97.7	97.8	97.8	98.2	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 596

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.8	17.7	18.9	21.1	21.6	23.0	24.1	24.6	24.9	25.0	25.2	25.5	25.8	26.5	27.6
≥ 20000		17.6	19.8	21.1	23.9	24.6	26.3	27.7	28.4	29.3	29.8	30.0	30.3	30.6	31.2	32.6
≥ 18000		17.6	19.8	21.1	23.9	24.6	26.3	27.7	28.4	29.3	29.8	30.0	30.3	30.6	31.2	32.6
≥ 16000		17.6	19.8	21.1	23.9	24.6	26.3	27.7	28.4	29.3	29.8	30.0	30.3	30.6	31.2	32.6
≥ 14000		18.2	20.4	21.7	24.6	25.2	26.9	28.4	29.0	30.0	30.4	30.6	30.9	31.2	31.9	33.3
≥ 12000		18.9	21.2	22.8	25.7	26.3	28.1	29.5	30.1	31.1	31.9	32.2	32.5	32.8	33.4	34.9
≥ 10000		20.4	23.0	24.6	28.1	28.7	30.4	32.3	33.0	34.1	35.2	35.5	35.8	36.1	36.9	38.4
≥ 9000		21.1	23.6	25.5	29.2	29.8	31.5	33.4	34.1	35.2	36.3	36.6	36.9	37.2	38.0	39.5
≥ 8000		23.1	26.0	27.9	31.5	32.2	34.4	36.5	37.1	38.4	39.5	39.8	40.3	40.9	41.7	43.1
≥ 7000		24.6	27.4	29.5	33.1	33.8	36.0	38.0	38.7	39.9	41.0	41.4	41.8	42.5	43.3	44.7
≥ 6000		26.9	29.8	32.0	36.1	36.8	39.1	41.4	42.2	43.4	44.5	44.8	45.3	46.0	46.8	48.2
≥ 5000		30.6	34.5	36.8	41.2	42.0	45.0	47.5	48.3	49.6	50.7	51.0	51.5	52.1	52.9	54.4
≥ 4500		32.0	36.0	38.4	42.8	43.6	46.6	49.3	50.1	51.3	52.5	52.8	53.2	53.9	54.7	56.1
≥ 4000		32.6	36.6	39.0	43.7	44.7	47.9	50.9	51.7	52.9	54.0	54.4	54.8	55.5	56.3	57.7
≥ 3500		34.2	38.8	41.4	47.2	48.2	51.8	55.0	56.1	57.4	58.5	58.8	59.3	59.9	60.7	62.1
≥ 3000		36.3	41.0	43.6	49.6	50.6	54.5	58.0	59.1	60.4	61.5	61.8	62.3	62.9	63.7	65.1
≥ 2500		38.4	43.3	45.8	52.0	52.9	57.2	60.7	61.8	63.1	64.2	64.5	65.0	65.6	66.4	67.8
≥ 2000		41.7	47.1	50.1	56.4	57.4	61.6	65.1	66.2	67.5	68.6	68.9	69.6	70.2	71.0	72.4
≥ 1800		42.5	47.9	51.0	57.5	58.5	62.9	66.4	67.5	68.8	69.9	70.2	70.8	71.5	72.3	73.7
≥ 1500		44.2	49.8	52.9	59.4	60.4	64.8	68.5	69.6	70.8	71.9	72.3	72.9	73.5	74.3	75.8
≥ 1200		47.1	52.8	55.9	63.1	64.2	68.8	72.4	73.7	75.0	76.1	76.4	77.0	77.7	78.4	79.9
≥ 1000		48.5	54.5	57.7	65.9	67.0	71.9	75.8	77.0	78.3	79.4	79.7	80.3	81.0	81.8	83.2
≥ 900		49.9	56.1	59.6	68.0	69.1	74.0	77.8	79.1	80.3	81.5	81.8	82.4	83.0	83.8	85.3
≥ 800		50.4	56.9	60.4	69.1	70.4	75.4	79.4	80.7	81.9	83.0	83.4	84.0	84.6	85.4	86.8
≥ 700		51.5	58.3	61.8	70.7	71.9	77.3	81.6	83.2	84.6	85.7	86.1	86.7	87.3	88.1	89.5
≥ 600		51.8	59.3	62.8	71.8	73.5	78.9	83.2	85.1	86.5	87.8	88.3	88.9	89.5	90.3	91.8
≥ 500		51.8	59.3	62.8	71.8	73.5	79.2	83.7	85.7	87.2	88.4	88.9	89.5	90.2	91.0	92.6
≥ 400		52.1	59.7	63.2	72.4	74.2	80.3	85.3	87.6	89.1	90.5	91.0	91.8	92.4	93.2	94.8
≥ 300		52.1	59.9	63.4	72.6	74.3	80.8	86.1	88.6	90.2	91.6	92.1	92.9	93.5	94.3	95.9
≥ 200		52.1	60.1	63.5	72.7	74.5	81.0	86.2	89.1	90.8	92.6	93.0	93.8	94.5	95.2	97.0
≥ 100		52.1	60.1	63.5	72.7	74.5	81.0	86.2	89.5	91.6	93.3	94.0	95.2	96.2	97.3	99.4
≥ 0		52.1	60.1	63.5	72.7	74.5	81.0	86.2	89.5	91.6	93.3	94.1	95.4	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 631

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.8	16.2	16.8	18.0	18.6	19.3	19.7	20.4	21.0	21.5	21.7	21.8	22.5	22.5	23.2
≥ 20000		20.4	21.7	22.2	24.3	25.5	26.3	27.6	29.2	29.9	30.6	30.8	31.0	31.9	31.9	33.1
≥ 18000		20.4	21.7	22.2	24.3	25.5	26.3	27.6	29.2	29.9	30.6	30.8	31.0	31.9	31.9	33.1
≥ 16000		20.4	21.7	22.2	24.3	25.5	26.3	27.6	29.4	30.1	30.8	30.9	31.2	32.0	32.0	33.3
≥ 14000		20.8	22.1	22.7	24.9	26.0	26.9	28.1	29.9	30.6	31.5	31.6	31.9	32.7	32.7	34.0
≥ 12000		21.8	23.2	24.3	27.1	28.4	29.4	30.6	32.6	33.3	34.4	34.5	34.8	35.8	35.8	37.1
≥ 10000		22.7	24.2	25.6	29.0	30.3	31.7	33.4	35.5	36.4	37.8	37.9	38.2	39.3	39.4	41.0
≥ 9000		23.8	25.6	27.0	30.3	31.7	33.1	34.8	36.9	37.8	39.2	39.3	39.6	40.7	40.8	42.4
≥ 8000		24.6	26.6	28.0	31.5	33.1	34.5	36.5	38.6	39.7	41.1	41.3	41.5	42.7	42.8	44.3
≥ 7000		25.6	27.6	29.1	32.7	34.5	35.9	37.9	40.0	41.1	42.5	42.7	42.9	44.1	44.2	45.9
≥ 6000		27.1	29.1	30.6	34.5	36.4	37.8	39.7	42.1	43.4	44.8	44.9	45.2	46.4	46.6	48.3
≥ 5000		29.2	31.3	32.9	36.9	38.7	40.3	42.7	45.2	46.7	48.3	48.4	48.7	49.9	50.1	51.7
≥ 4500		30.3	32.4	34.3	38.6	40.4	42.0	44.8	47.4	49.0	50.6	50.8	51.0	52.3	52.4	54.1
≥ 4000		30.9	33.0	34.8	39.2	41.1	42.8	45.7	48.5	50.5	52.3	52.4	52.7	54.0	54.1	55.8
≥ 3500		32.9	35.1	36.9	41.5	43.5	45.5	48.7	51.6	53.7	55.5	55.7	55.9	57.2	57.3	59.0
≥ 3000		35.0	37.3	39.2	44.2	46.2	48.1	51.5	54.4	56.5	58.6	58.7	59.2	60.4	60.6	62.2
≥ 2500		36.5	39.2	41.1	46.4	48.4	50.3	54.1	57.2	59.3	61.4	61.5	62.0	63.2	63.4	65.3
≥ 2000		39.7	42.8	45.0	50.6	52.7	54.8	58.7	62.1	64.2	66.3	66.4	67.0	68.4	68.5	70.5
≥ 1800		40.7	43.8	46.2	51.7	54.0	56.1	60.0	63.4	65.5	67.6	67.7	68.3	69.7	69.8	71.7
≥ 1500		42.0	45.0	47.4	53.6	55.8	57.9	61.8	65.3	67.4	69.5	69.7	70.2	71.6	71.7	73.7
≥ 1200		45.2	48.4	51.0	57.3	59.6	61.8	66.0	69.5	71.7	73.8	74.0	74.5	75.9	76.1	78.0
≥ 1000		46.9	50.5	53.4	60.0	62.2	64.5	68.7	72.2	74.4	76.5	76.6	77.2	78.6	78.7	80.7
≥ 900		47.7	51.3	54.4	61.3	63.5	65.7	69.9	73.4	75.8	77.9	78.0	78.6	80.0	80.1	82.1
≥ 800		48.8	52.6	55.8	62.9	65.5	67.7	71.9	75.4	77.9	80.1	80.3	80.8	82.2	82.4	84.3
≥ 700		49.4	53.7	57.1	64.3	67.0	69.2	73.8	77.3	79.9	82.2	82.4	82.9	84.3	84.5	86.4
≥ 600		50.1	54.7	58.0	65.5	68.1	70.5	75.2	78.7	81.4	83.8	83.9	84.5	85.9	86.0	88.0
≥ 500		50.3	55.0	58.5	66.4	69.2	71.7	76.6	80.4	83.1	85.6	85.9	86.6	88.0	88.1	90.1
≥ 400		50.5	55.2	58.9	67.0	69.8	72.6	78.3	82.4	85.5	88.3	88.7	89.4	90.8	90.9	92.9
≥ 300		50.5	55.4	59.2	67.3	70.3	73.1	79.0	83.5	86.7	89.5	90.2	91.0	92.6	92.7	94.7
≥ 200		50.5	55.4	59.2	67.3	70.3	73.1	79.2	83.6	86.9	89.9	90.8	91.7	93.3	93.4	95.5
≥ 100		50.5	55.4	59.2	67.3	70.3	73.1	79.3	83.8	87.3	90.5	91.3	92.4	94.1	94.4	97.9
≥ 0		50.5	55.4	59.2	67.3	70.3	73.1	79.3	83.8	87.3	90.5	91.3	92.4	94.1	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 715

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.9	16.4	17.0	17.8	18.8	19.2	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.7
≥ 20000		24.7	25.8	26.8	28.2	29.9	30.7	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.5
≥ 18000		24.7	25.8	26.8	28.2	29.9	30.7	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.5
≥ 16000		24.7	25.8	26.8	28.2	29.9	30.7	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.5
≥ 14000		25.2	26.3	27.4	28.8	30.4	31.2	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	32.1
≥ 12000		27.0	28.1	29.2	30.8	32.6	33.4	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.8
≥ 10000		28.5	29.9	31.2	33.2	35.2	36.0	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.4
≥ 9000		30.0	31.6	33.0	35.2	37.5	38.4	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.7
≥ 8000		32.2	33.8	35.6	37.8	40.1	41.0	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3
≥ 7000		32.7	34.5	36.3	38.5	41.0	41.8	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.2
≥ 6000		34.5	36.4	38.4	40.5	43.0	43.8	44.7	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.3
≥ 5000		36.7	38.9	40.8	43.2	45.8	46.6	47.5	47.8	47.8	47.8	47.8	47.9	47.9	47.9	48.2
≥ 4500		38.2	40.5	43.0	45.5	48.1	49.3	50.3	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.2
≥ 4000		39.3	41.6	44.1	46.8	49.6	50.8	52.1	52.7	52.7	52.7	52.7	52.9	52.9	52.9	53.3
≥ 3500		41.2	43.8	46.3	49.2	51.9	53.4	54.8	55.5	55.5	55.5	55.5	55.6	55.6	55.6	56.0
≥ 3000		44.9	47.7	50.1	53.0	55.8	57.3	58.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	60.1
≥ 2500		50.8	53.6	56.0	59.0	62.1	63.7	65.1	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.6
≥ 2000		56.2	59.3	61.9	64.9	67.9	69.6	71.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.6
≥ 1800		58.9	62.1	64.8	67.8	70.8	72.6	74.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.6
≥ 1500		62.7	66.0	69.0	72.2	75.3	77.1	78.6	79.7	79.7	79.7	79.7	79.9	79.9	79.9	80.3
≥ 1200		67.3	70.5	73.7	76.8	80.1	82.1	83.6	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.3
≥ 1000		70.4	73.7	76.8	80.4	83.8	85.9	87.4	88.5	88.5	88.6	88.6	88.8	88.8	88.8	89.2
≥ 900		70.8	74.2	77.7	81.4	84.8	87.0	88.6	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.5
≥ 800		71.4	75.1	78.9	82.7	86.6	88.8	90.4	91.6	91.6	91.8	91.8	91.9	91.9	91.9	92.3
≥ 700		71.5	75.3	79.2	83.0	86.8	89.2	90.8	92.1	92.1	92.3	92.3	92.5	92.5	92.5	92.9
≥ 600		71.9	76.0	79.9	84.0	88.1	90.4	92.1	93.3	93.3	93.6	93.7	93.8	93.8	93.8	94.2
≥ 500		72.1	76.2	80.0	84.2	88.6	91.0	92.7	94.1	94.1	94.5	94.8	94.9	94.9	94.9	95.3
≥ 400		72.1	76.2	80.0	84.4	88.8	91.2	93.2	94.9	94.9	95.6	95.9	96.0	96.0	96.0	96.4
≥ 300		72.2	76.3	80.1	84.8	89.2	91.8	93.8	96.0	96.3	97.1	97.4	97.7	97.7	97.7	98.1
≥ 200		72.2	76.3	80.1	84.8	89.2	91.8	93.8	96.2	96.4	97.4	97.7	98.1	98.6	98.6	99.2
≥ 100		72.2	76.3	80.1	84.8	89.2	91.8	93.8	96.2	96.4	97.4	97.7	98.1	99.0	99.0	99.6
≥ 0		72.2	76.3	80.1	84.8	89.2	91.8	93.8	96.2	96.4	97.4	97.7	98.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 730

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.9	16.0	16.9	17.3	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
≥ 20000		28.5	30.6	32.0	32.6	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 18000		28.8	30.9	32.3	32.9	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 16000		28.9	31.0	32.4	33.0	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 14000		30.0	32.4	33.9	34.4	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 12000		32.0	34.4	35.8	36.4	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 10000		34.7	37.1	38.5	39.4	40.1	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 9000		35.6	38.0	39.4	40.4	41.6	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 8000		37.3	39.7	41.1	42.2	43.5	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 7000		37.8	40.2	41.6	42.9	44.2	44.3	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 6000		40.9	43.3	44.8	46.0	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 5000		45.9	48.4	49.9	51.1	52.5	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 4500		49.6	52.3	53.7	55.0	56.4	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 4000		53.8	56.8	58.2	59.9	61.3	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 3500		57.8	61.3	62.9	64.6	66.0	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000		62.3	66.0	67.6	69.3	70.8	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500		70.8	74.5	76.1	77.9	79.5	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000		77.1	80.9	82.4	84.4	86.3	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800		78.8	82.9	84.6	86.7	88.5	89.7	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500		80.5	84.8	87.0	89.1	91.2	92.4	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200		82.0	86.4	88.7	90.9	93.1	94.3	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		82.6	87.1	89.4	91.9	94.3	95.9	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		82.6	87.1	89.5	92.1	94.5	96.0	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800		82.9	87.4	89.8	92.4	94.9	96.5	97.3	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		82.9	87.5	89.9	92.9	95.5	97.2	98.2	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		83.0	87.8	90.2	93.2	95.8	97.6	98.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		17.2	18.1	18.5	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
≥ 20000		34.0	35.8	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 18000		34.0	35.8	36.7	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 16000		34.4	36.3	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000		36.0	37.9	38.9	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 12000		39.7	41.8	42.9	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 10000		45.4	47.5	48.8	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 9000		47.0	49.4	50.9	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000		51.4	54.3	55.8	57.2	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000		52.7	55.6	57.1	58.5	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 6000		57.1	60.0	61.6	63.0	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000		62.0	64.9	66.5	67.9	68.8	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500		67.2	70.5	72.1	73.6	74.4	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000		71.5	75.3	76.9	78.5	79.3	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500		73.0	76.7	78.3	80.3	81.2	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000		74.9	78.8	80.3	82.5	83.4	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500		79.0	82.9	84.5	86.7	87.7	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000		81.2	85.4	87.1	89.3	90.5	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800		81.5	85.7	87.7	90.0	91.2	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500		81.8	86.4	88.4	91.0	92.2	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		83.2	88.0	90.2	92.8	93.9	94.9	95.4	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		84.0	88.7	90.9	93.6	94.8	95.8	96.2	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		84.2	89.2	91.3	94.1	95.5	96.5	97.0	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		84.2	89.2	91.3	94.1	95.5	96.5	97.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700		84.4	89.3	91.5	94.4	95.8	96.8	97.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		84.4	89.3	91.5	94.5	96.0	97.1	97.5	98.7	98.8	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		84.4	89.3	91.5	94.7	96.1	97.3	97.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		84.4	89.3	91.5	94.7	96.1	97.3	97.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		84.4	89.3	91.5	94.7	96.1	97.3	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.4	89.3	91.5	94.7	96.1	97.3	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.4	89.3	91.5	94.7	96.1	97.3	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.4	89.3	91.5	94.7	96.1	97.3	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 692

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		20.2	21.8	22.7	23.9	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.3	25.3	25.3	25.3
≥ 20000		32.4	34.7	36.3	38.2	39.2	40.0	40.0	40.0	40.0	40.0	40.0	40.4	40.4	40.4	40.4
≥ 18000		32.4	34.7	36.3	38.2	39.2	40.0	40.0	40.0	40.0	40.0	40.0	40.4	40.4	40.4	40.4
≥ 16000		32.4	34.7	36.3	38.2	39.2	40.0	40.0	40.0	40.0	40.0	40.0	40.4	40.4	40.4	40.4
≥ 14000		34.5	36.7	38.4	40.2	41.2	42.0	42.0	42.0	42.0	42.0	42.0	42.4	42.4	42.4	42.4
≥ 12000		37.6	40.4	42.4	44.5	45.5	46.3	46.3	46.3	46.3	46.3	46.3	46.7	46.7	46.7	46.7
≥ 10000		42.7	46.3	49.0	51.0	52.0	52.9	52.9	52.9	52.9	52.9	52.9	53.3	53.3	53.3	53.3
≥ 9000		45.1	49.0	51.6	53.9	54.9	55.7	55.7	55.7	55.7	55.7	55.7	56.1	56.1	56.1	56.1
≥ 8000		51.0	55.1	57.8	60.0	61.0	62.2	62.4	62.4	62.4	62.7	62.7	63.1	63.1	63.1	63.1
≥ 7000		52.7	57.3	60.2	62.9	63.9	65.1	65.3	65.3	65.3	65.5	65.5	65.9	65.9	65.9	65.9
≥ 6000		56.5	61.8	64.7	67.3	68.4	69.8	70.2	70.2	70.2	70.4	70.4	70.8	70.8	70.8	70.8
≥ 5000		59.4	65.1	68.0	70.8	72.2	73.9	74.3	74.3	74.3	74.5	74.5	74.9	74.9	74.9	74.9
≥ 4500		63.5	69.4	72.4	75.3	76.9	78.6	79.0	79.0	79.0	79.2	79.2	79.6	79.6	79.6	79.6
≥ 4000		65.9	72.2	75.3	78.2	79.8	81.4	81.8	81.8	81.8	82.0	82.0	82.4	82.4	82.4	82.4
≥ 3500		67.8	74.1	77.3	80.6	82.2	83.9	84.3	84.3	84.3	84.5	84.5	84.9	84.9	84.9	84.9
≥ 3000		69.2	75.5	78.8	82.2	83.9	85.5	85.9	85.9	85.9	86.1	86.1	86.5	86.5	86.5	86.5
≥ 2500		70.4	77.1	80.4	84.1	85.7	87.3	87.8	87.8	87.8	88.0	88.0	88.4	88.4	88.4	88.4
≥ 2000		72.4	79.4	82.9	87.1	88.8	90.4	90.8	90.8	90.8	91.0	91.0	91.4	91.4	91.4	91.4
≥ 1800		72.7	79.8	83.3	88.0	89.6	91.8	92.2	92.2	92.2	92.4	92.4	92.9	92.9	92.9	92.9
≥ 1500		73.5	80.6	84.1	89.2	90.8	93.1	93.7	93.7	93.7	93.9	94.1	94.5	94.5	94.5	94.5
≥ 1200		74.1	81.6	85.1	90.2	92.0	94.3	95.1	95.3	95.3	95.5	95.7	96.1	96.1	96.1	96.1
≥ 1000		74.5	82.2	85.7	91.2	93.3	95.5	96.7	96.9	96.9	97.1	97.3	98.0	98.0	98.0	98.0
≥ 900		74.7	82.7	86.3	91.8	93.9	96.1	97.3	97.6	97.6	97.8	98.0	98.6	98.6	98.6	98.6
≥ 800		74.9	82.9	86.5	92.0	94.1	96.3	97.6	97.8	97.8	98.0	98.4	99.0	99.0	99.0	99.0
≥ 700		75.1	83.1	86.7	92.4	94.5	96.7	98.0	98.2	98.2	98.4	99.0	99.6	99.6	99.6	99.6
≥ 600		75.1	83.3	86.9	92.7	94.7	96.9	98.2	98.4	98.4	98.6	99.2	99.8	99.8	99.8	99.8
≥ 500		75.1	83.3	86.9	92.7	94.7	96.9	98.2	98.4	98.4	98.6	99.2	99.8	99.8	99.8	99.8
≥ 400		75.1	83.3	86.9	92.7	94.7	97.1	98.4	98.6	98.6	98.8	99.4	100.0	100.0	100.0	100.0
≥ 300		75.1	83.3	86.9	92.7	94.7	97.1	98.4	98.6	98.6	98.8	99.4	100.0	100.0	100.0	100.0
≥ 200		75.1	83.3	86.9	92.7	94.7	97.1	98.4	98.6	98.6	98.8	99.4	100.0	100.0	100.0	100.0
≥ 100		75.1	83.3	86.9	92.7	94.7	97.1	98.4	98.6	98.6	98.8	99.4	100.0	100.0	100.0	100.0
≥ 0		75.1	83.3	86.9	92.7	94.7	97.1	98.4	98.6	98.6	98.8	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 490

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70,73-76 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		26.9	29.7	31.2	31.9	33.0	34.1	34.5	35.1	35.4	35.4	35.6	35.6	35.6	35.6	35.6
≥ 20000		33.4	37.3	39.3	42.1	43.2	44.7	45.1	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2
≥ 18000		33.4	37.3	39.3	42.1	43.2	44.7	45.1	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2
≥ 16000		33.4	37.3	39.3	42.1	43.2	44.7	45.1	45.8	46.0	46.0	46.2	46.2	46.2	46.2	46.2
≥ 14000		33.6	37.5	39.5	42.3	43.4	44.9	45.3	46.0	46.2	46.2	46.4	46.4	46.4	46.4	46.4
≥ 12000		35.8	39.7	41.9	44.7	45.8	47.3	47.7	48.4	48.6	48.6	48.8	48.8	48.8	48.8	48.8
≥ 10000		39.7	43.6	46.2	50.1	51.2	52.7	53.1	53.8	54.0	54.0	54.2	54.2	54.2	54.2	54.2
≥ 9000		41.4	45.3	48.2	52.3	53.4	54.9	55.3	56.0	56.2	56.2	56.4	56.4	56.4	56.4	56.4
≥ 8000		45.6	49.5	52.3	56.6	57.7	59.4	59.9	60.5	60.7	60.7	61.0	61.0	61.0	61.0	61.0
≥ 7000		46.2	50.8	54.2	58.6	59.7	61.4	61.8	62.5	62.7	62.7	62.9	62.9	62.9	62.9	62.9
≥ 6000		51.2	56.2	59.7	64.0	65.1	66.8	67.2	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3
≥ 5000		54.9	60.5	64.0	69.0	70.1	71.8	72.5	73.1	73.3	73.3	73.5	73.5	73.5	73.5	73.5
≥ 4500		57.7	63.3	66.8	72.5	73.8	75.5	76.1	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2
≥ 4000		59.0	64.6	68.1	73.8	75.1	76.8	77.4	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5
≥ 3500		60.3	65.9	69.4	75.1	76.4	78.1	78.7	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8
≥ 3000		62.9	68.5	72.2	77.9	79.2	81.3	82.0	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.1
≥ 2500		64.2	70.1	73.8	79.6	81.3	83.5	84.2	84.8	85.0	85.0	85.2	85.2	85.2	85.2	85.2
≥ 2000		67.9	74.0	77.9	84.2	85.9	88.3	88.9	89.6	89.8	89.8	90.0	90.0	90.5	90.5	90.5
≥ 1800		69.0	75.1	79.0	85.7	87.6	90.0	90.7	91.3	91.5	91.5	91.8	91.8	92.2	92.2	92.2
≥ 1500		69.8	76.1	80.0	86.8	88.7	91.1	91.8	92.4	92.6	92.6	92.8	92.8	93.3	93.3	93.3
≥ 1200		72.2	78.5	82.4	89.4	91.3	94.1	95.0	95.7	95.9	95.9	96.1	96.1	96.5	96.5	96.5
≥ 1000		73.1	79.4	83.3	90.2	92.2	95.2	96.1	96.7	97.0	97.0	97.2	97.2	97.6	97.6	97.6
≥ 900		73.3	79.6	83.7	90.7	92.6	95.7	96.5	97.2	97.4	97.4	97.6	97.6	98.0	98.0	98.0
≥ 800		73.3	79.6	83.7	90.9	92.8	95.9	96.7	97.4	97.6	97.6	97.8	97.8	98.3	98.3	98.3
≥ 700		73.3	79.6	83.7	90.9	92.8	95.9	96.7	97.4	97.6	97.6	97.8	97.8	98.3	98.3	98.3
≥ 600		73.3	79.6	83.7	90.9	92.8	95.9	96.7	97.4	97.6	97.6	98.0	98.0	98.5	98.5	98.7
≥ 500		73.3	79.6	83.7	90.9	92.8	95.9	96.7	97.6	97.8	97.8	98.3	98.3	98.7	98.7	98.9
≥ 400		73.3	79.6	83.7	90.9	92.8	95.9	96.7	97.6	97.8	97.8	98.3	98.3	98.7	98.7	98.9
≥ 300		73.3	79.6	83.7	90.9	93.1	96.1	97.0	97.8	98.0	98.0	98.5	98.5	98.9	98.9	99.1
≥ 200		73.3	79.6	83.7	90.9	93.1	96.1	97.0	97.8	98.3	98.3	98.7	98.7	99.1	99.1	99.3
≥ 100		73.3	79.6	83.7	90.9	93.1	96.1	97.2	98.0	98.5	98.5	98.9	98.9	99.3	99.3	99.6
≥ 0		73.3	79.6	83.7	90.9	93.1	96.1	97.2	98.0	98.5	98.5	98.9	98.9	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 461

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		18.0	19.4	20.2	21.3	22.0	22.6	23.0	23.2	23.4	23.5	23.6	23.7	23.8	23.9	24.2
≥ 20000		26.6	28.7	29.9	31.7	32.6	33.5	34.2	34.6	34.9	35.1	35.2	35.4	35.5	35.6	36.0
≥ 18000		26.6	28.8	29.9	31.7	32.6	33.6	34.2	34.7	35.0	35.2	35.2	35.4	35.5	35.6	36.1
≥ 16000		26.7	28.8	30.0	31.8	32.7	33.7	34.3	34.8	35.1	35.3	35.3	35.5	35.7	35.7	36.2
≥ 14000		27.5	29.7	30.9	32.7	33.6	34.6	35.2	35.7	36.0	36.2	36.3	36.4	36.6	36.7	37.1
≥ 12000		29.5	31.8	33.2	35.2	36.1	37.1	37.8	38.3	38.6	38.9	39.0	39.1	39.3	39.4	39.9
≥ 10000		32.2	34.9	36.4	38.8	39.9	40.9	41.7	42.3	42.6	43.0	43.1	43.2	43.4	43.6	44.1
≥ 9000		33.5	36.3	37.9	40.5	41.7	42.7	43.6	44.2	44.5	44.9	44.9	45.1	45.3	45.4	45.9
≥ 8000		36.2	39.2	40.9	43.6	44.9	46.1	47.0	47.6	48.0	48.4	48.5	48.6	48.9	49.0	49.5
≥ 7000		37.3	40.4	42.3	45.1	46.5	47.7	48.6	49.2	49.6	50.0	50.1	50.2	50.5	50.6	51.1
≥ 6000		40.2	43.5	45.4	48.4	49.8	51.1	52.0	52.7	53.1	53.5	53.6	53.7	54.0	54.1	54.7
≥ 5000		43.9	47.6	49.6	52.7	54.2	55.7	56.9	57.6	58.0	58.4	58.5	58.7	59.0	59.1	59.6
≥ 4500		46.5	50.3	52.5	55.8	57.3	59.0	60.2	60.9	61.4	61.8	61.9	62.1	62.4	62.5	63.0
≥ 4000		48.5	52.5	54.7	58.2	59.7	61.4	62.8	63.6	64.1	64.6	64.6	64.8	65.1	65.3	65.8
≥ 3500		50.5	54.9	57.1	61.0	62.7	64.5	66.0	66.8	67.4	67.8	67.9	68.1	68.4	68.5	69.1
≥ 3000		53.1	57.6	59.8	63.9	65.6	67.5	69.1	70.0	70.5	71.0	71.1	71.3	71.6	71.7	72.3
≥ 2500		56.7	61.3	63.6	67.8	69.6	71.7	73.3	74.2	74.8	75.3	75.3	75.6	75.9	76.0	76.6
≥ 2000		60.5	65.5	67.9	72.3	74.2	76.4	78.1	79.1	79.6	80.1	80.2	80.5	80.8	80.9	81.5
≥ 1800		61.7	66.7	69.3	73.9	75.8	78.1	79.8	80.8	81.4	81.9	81.9	82.2	82.6	82.7	83.3
≥ 1500		63.4	68.6	71.3	76.1	78.1	80.4	82.1	83.2	83.7	84.2	84.3	84.6	84.9	85.1	85.6
≥ 1200		65.9	71.2	74.1	79.0	81.1	83.5	85.4	86.6	87.2	87.7	87.8	88.1	88.4	88.5	89.1
≥ 1000		67.3	72.7	75.6	80.8	83.0	85.6	87.6	88.8	89.4	89.9	90.0	90.3	90.7	90.8	91.4
≥ 900		67.7	73.2	76.3	81.6	83.8	86.4	88.4	89.7	90.4	90.9	91.0	91.3	91.6	91.8	92.3
≥ 800		68.1	73.7	76.9	82.4	84.7	87.4	89.5	90.8	91.5	92.0	92.2	92.4	92.8	92.9	93.5
≥ 700		68.5	74.2	77.4	83.1	85.5	88.2	90.5	91.9	92.6	93.2	93.3	93.6	94.0	94.1	94.7
≥ 600		68.7	74.7	77.9	83.6	86.1	88.9	91.2	92.7	93.4	94.1	94.3	94.5	94.9	95.0	95.6
≥ 500		68.8	74.7	78.0	83.9	86.5	89.4	91.8	93.4	94.1	94.8	95.1	95.4	95.7	95.9	96.5
≥ 400		68.8	74.8	78.1	84.0	86.7	89.7	92.4	94.1	94.9	95.7	95.9	96.3	96.6	96.7	97.4
≥ 300		68.8	74.9	78.2	84.2	86.9	90.0	92.8	94.7	95.6	96.4	96.7	97.1	97.5	97.6	98.2
≥ 200		68.8	74.9	78.2	84.2	86.9	90.0	92.8	94.8	95.8	96.7	97.0	97.4	97.8	98.0	98.7
≥ 100		68.8	74.9	78.2	84.2	86.9	90.0	92.9	94.9	96.0	96.9	97.2	97.7	98.3	98.5	99.4
≥ 0		68.8	74.9	78.2	84.2	86.9	90.0	92.9	94.9	96.0	96.9	97.3	97.7	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.7	17.8	18.5	21.0	22.1	22.7	24.1	24.4	25.1	25.7	25.9	26.7	27.9	28.1	30.1
≥ 20000		19.1	20.2	20.8	23.7	24.8	25.7	27.3	27.8	28.4	29.3	29.5	30.3	31.5	31.7	33.8
≥ 18000		19.1	20.2	20.8	23.7	24.8	25.7	27.3	27.8	28.5	29.5	29.7	30.4	31.7	31.9	33.9
≥ 16000		19.2	20.3	21.0	23.8	24.9	25.9	27.4	27.9	28.7	29.7	29.8	30.6	31.9	32.0	34.1
≥ 14000		19.2	20.3	21.0	23.8	24.9	25.9	27.4	27.9	28.7	29.7	29.8	30.6	31.9	32.0	34.1
≥ 12000		20.2	21.6	22.2	25.2	26.3	27.3	28.9	29.3	30.1	31.1	31.2	32.0	33.3	33.4	35.5
≥ 10000		21.1	22.6	23.2	26.7	27.9	29.0	30.6	31.1	31.9	32.8	33.0	33.8	35.0	35.2	37.2
≥ 9000		21.5	22.9	23.5	27.0	28.2	29.3	30.9	31.4	32.2	33.1	33.3	34.1	35.3	35.5	37.5
≥ 8000		22.9	24.3	24.9	28.4	29.7	30.8	32.3	32.8	33.6	34.5	34.7	35.5	36.8	36.9	39.0
≥ 7000		23.7	25.1	25.7	29.2	30.6	31.7	33.6	34.1	34.9	35.8	36.0	36.8	38.0	38.2	40.2
≥ 6000		25.7	27.1	27.8	31.4	32.8	34.1	36.0	36.4	37.2	38.2	38.3	39.1	40.4	40.5	42.6
≥ 5000		30.9	32.8	33.4	38.2	39.6	40.9	42.7	43.7	44.8	45.7	45.9	46.7	47.9	48.1	50.2
≥ 4500		33.1	35.2	36.0	41.3	42.9	44.5	46.5	47.5	48.6	49.5	49.7	50.5	51.7	51.9	53.9
≥ 4000		34.4	37.1	37.9	43.7	45.4	47.5	49.5	50.8	51.9	52.8	53.0	53.9	55.2	55.4	57.4
≥ 3500		36.6	39.4	40.4	46.8	48.7	50.9	53.3	54.6	55.7	56.6	56.8	57.7	59.0	59.1	61.2
≥ 3000		40.4	43.7	44.8	51.4	53.9	56.3	59.1	60.6	61.7	62.6	62.8	63.7	65.0	65.1	67.2
≥ 2500		43.5	47.2	48.3	55.0	58.0	60.7	63.7	65.1	66.2	67.2	67.4	68.3	69.6	69.7	71.8
≥ 2000		46.4	50.0	51.1	58.0	61.4	64.2	67.5	69.1	70.2	71.1	71.3	72.2	73.5	73.7	75.7
≥ 1800		47.0	50.6	51.7	59.0	62.3	65.5	68.8	70.3	71.6	72.6	72.7	73.7	74.9	75.1	77.1
≥ 1500		48.6	52.2	53.3	60.7	64.2	67.7	71.0	72.6	73.8	74.8	74.9	75.9	77.1	77.3	79.3
≥ 1200		51.7	55.7	56.8	64.4	67.8	71.3	74.9	76.7	77.9	78.9	79.0	80.0	81.2	81.4	83.4
≥ 1000		53.2	57.1	58.5	66.4	70.2	73.7	77.3	79.0	80.3	81.2	81.4	82.3	83.6	83.8	85.8
≥ 900		54.4	58.4	59.9	68.6	72.4	76.0	79.8	81.5	83.1	84.1	84.2	85.2	86.4	86.6	88.6
≥ 800		54.6	58.7	60.4	69.1	72.9	76.8	80.6	82.3	83.9	84.9	85.0	86.0	87.2	87.4	89.4
≥ 700		55.0	59.3	61.0	70.3	74.6	78.9	82.6	84.5	86.1	87.1	87.2	88.2	89.4	89.6	91.6
≥ 600		55.2	59.8	61.7	71.1	75.7	80.3	84.1	86.1	87.7	88.6	88.8	89.7	91.0	91.2	93.2
≥ 500		55.2	59.8	61.7	71.9	76.5	81.5	85.5	88.2	89.7	90.7	90.9	91.8	93.1	93.2	95.3
≥ 400		55.2	59.8	61.7	72.1	76.7	82.0	86.0	88.8	90.4	91.6	91.8	92.7	94.0	94.2	96.2
≥ 300		55.2	59.8	61.7	72.2	76.8	82.2	86.1	89.0	90.5	92.0	92.1	93.1	94.3	94.5	96.5
≥ 200		55.2	59.8	61.7	72.6	77.1	82.5	86.6	89.4	91.2	92.6	92.9	93.8	95.1	95.4	97.5
≥ 100		55.2	59.8	61.7	72.6	77.1	82.5	86.6	89.4	91.2	92.7	93.2	94.2	95.4	95.7	98.3
≥ 0		55.2	59.8	61.7	72.6	77.1	82.5	86.6	89.4	91.2	92.7	93.2	94.2	95.4	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 634

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.4	15.9	16.3	17.5	18.5	18.8	19.1	19.5	19.8	20.3	20.4	20.4	21.3	21.6	26.2
≥ 20000		17.7	18.3	18.8	20.1	21.2	21.6	22.1	22.5	23.0	23.4	23.6	23.6	24.5	25.0	30.0
≥ 18000		17.7	18.3	18.8	20.4	21.5	21.9	22.4	22.8	23.3	23.8	23.9	23.9	24.8	25.3	30.3
≥ 16000		17.7	18.3	18.8	20.4	21.5	21.9	22.4	22.8	23.3	23.8	23.9	23.9	24.8	25.3	30.3
≥ 14000		17.7	18.3	18.8	20.4	21.5	21.9	22.4	22.8	23.3	23.8	23.9	23.9	24.8	25.3	30.3
≥ 12000		18.0	18.6	19.1	20.9	21.9	22.4	22.8	23.3	23.8	24.2	24.4	24.4	25.3	25.7	30.7
≥ 10000		18.5	19.1	19.5	21.5	22.7	23.1	23.6	24.1	24.5	25.0	25.1	25.1	26.0	26.5	31.5
≥ 9000		19.5	20.1	20.6	22.7	23.9	24.4	24.8	25.3	25.7	26.2	26.3	26.3	27.2	27.7	32.7
≥ 8000		20.7	21.3	21.8	24.1	25.3	25.7	26.2	26.6	27.1	27.5	27.7	27.7	28.6	29.0	34.0
≥ 7000		21.2	21.8	22.2	24.7	25.9	26.3	27.2	27.7	28.3	28.7	28.9	28.9	29.8	30.3	35.2
≥ 6000		23.3	23.9	24.5	27.1	28.4	29.5	30.6	31.0	31.6	32.1	32.2	32.2	33.1	33.6	38.6
≥ 5000		26.3	27.5	28.3	31.5	33.1	34.3	35.6	36.0	36.8	37.2	37.4	37.4	38.3	38.7	43.7
≥ 4500		29.5	30.9	31.9	35.2	37.1	38.6	40.1	40.5	41.8	42.2	42.4	42.4	43.4	43.9	48.9
≥ 4000		31.3	33.0	34.0	38.1	40.2	41.9	43.4	43.9	45.1	45.5	45.7	45.7	46.7	47.2	52.2
≥ 3500		32.7	34.6	35.7	40.1	42.5	44.6	46.4	47.0	48.4	48.9	49.0	49.0	50.1	50.5	55.5
≥ 3000		37.1	39.3	40.4	45.2	47.7	50.5	52.6	53.3	54.6	55.1	55.2	55.2	56.3	56.7	61.7
≥ 2500		40.4	42.8	43.9	48.9	51.4	54.9	57.2	58.1	59.5	59.9	60.1	60.1	61.1	61.6	66.6
≥ 2000		43.4	45.8	46.9	52.0	54.9	58.4	61.0	61.9	63.2	63.7	63.8	63.8	64.9	65.4	70.3
≥ 1800		44.8	47.2	48.3	53.7	56.6	60.1	62.8	63.7	65.1	65.5	65.7	65.7	66.7	67.2	72.2
≥ 1500		46.4	48.9	50.1	55.8	58.9	62.8	65.5	66.4	67.8	68.2	68.4	68.4	69.4	69.9	74.9
≥ 1200		48.4	51.0	52.5	58.5	62.0	66.3	69.6	70.5	71.9	72.3	72.5	72.5	73.5	74.0	79.0
≥ 1000		50.4	53.4	54.9	61.7	65.5	70.0	73.7	74.6	75.9	76.6	76.7	76.7	77.8	78.2	83.2
≥ 900		50.7	53.9	55.5	62.8	66.7	71.4	75.0	75.9	77.3	77.9	78.1	78.1	79.1	79.6	84.6
≥ 800		50.8	54.2	55.8	63.4	67.6	72.5	76.1	77.0	78.4	79.0	79.1	79.1	80.2	80.6	85.6
≥ 700		51.6	54.9	56.7	64.6	68.8	74.1	77.8	78.7	80.0	80.8	80.9	80.9	82.0	82.5	87.4
≥ 600		51.9	55.2	57.0	65.7	70.0	75.5	79.1	80.2	81.5	82.3	82.5	82.5	83.5	84.0	89.0
≥ 500		52.0	55.4	57.2	66.1	70.5	76.6	80.3	82.0	83.4	84.1	84.4	84.4	85.5	85.9	90.9
≥ 400		52.0	55.4	57.2	66.4	70.8	77.0	81.4	83.7	85.3	86.1	86.4	86.4	87.4	87.9	92.9
≥ 300		52.0	55.4	57.2	66.4	70.8	77.2	81.5	83.8	85.6	86.4	86.7	86.7	87.7	88.2	93.2
≥ 200		52.0	55.4	57.2	66.4	70.8	77.2	82.0	84.3	86.2	87.0	87.4	87.6	88.7	89.1	94.1
≥ 100		52.0	55.4	57.2	66.4	70.8	77.2	82.0	84.6	86.5	87.4	88.0	88.5	90.5	90.9	96.8
≥ 0		52.0	55.4	57.2	66.4	70.8	77.2	82.0	84.6	86.5	87.4	88.0	88.5	90.6	91.1	100.0

TOTAL NUMBER OF OBSERVATIONS 661

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.2	11.6	11.9	12.4	12.7	12.9	13.6	13.7	13.9	14.6	14.6	14.6	14.7	15.0	18.6
≥ 20000		15.5	16.6	17.2	18.0	18.7	19.0	19.9	20.0	20.3	21.2	21.2	21.2	21.6	22.0	25.8
≥ 18000		15.6	16.7	17.3	18.2	18.9	19.2	20.0	20.2	20.5	21.3	21.3	21.3	21.7	22.2	25.9
≥ 16000		15.6	16.7	17.3	18.2	18.9	19.2	20.2	20.3	20.6	21.5	21.5	21.5	21.9	22.3	26.0
≥ 14000		15.7	17.0	17.6	18.5	19.2	19.5	20.5	20.6	20.9	21.7	21.7	21.7	22.2	22.6	26.3
≥ 12000		16.5	17.7	18.3	19.3	20.0	20.6	21.6	21.9	22.2	23.0	23.0	23.0	23.5	23.9	27.6
≥ 10000		17.5	18.9	19.5	21.0	21.9	22.5	23.7	24.0	24.3	25.2	25.2	25.3	25.8	26.2	29.9
≥ 9000		17.7	19.2	19.9	21.5	22.3	22.9	24.5	24.7	25.0	25.9	25.9	26.0	26.5	26.9	30.6
≥ 8000		18.2	19.9	20.6	22.2	23.0	23.6	25.2	25.5	25.8	26.8	26.8	26.9	27.3	27.8	31.5
≥ 7000		18.5	20.2	20.9	22.5	23.3	23.9	25.5	25.9	26.2	27.2	27.2	27.3	27.8	28.2	31.9
≥ 6000		20.3	22.5	23.5	25.0	26.0	26.9	29.2	29.9	30.3	31.3	31.3	31.5	32.2	32.6	36.3
≥ 5000		24.3	27.3	28.5	30.9	31.9	32.8	35.2	36.2	36.8	37.8	37.8	37.9	38.6	39.1	42.8
≥ 4500		27.0	30.3	31.6	34.2	35.2	36.3	38.9	40.2	41.1	42.1	42.1	42.2	42.9	43.3	47.1
≥ 4000		28.9	32.2	33.5	36.8	37.8	39.1	41.6	43.2	44.2	45.2	45.4	45.5	46.2	46.6	50.4
≥ 3500		30.5	33.8	35.1	38.5	39.8	41.1	44.1	45.8	47.2	48.2	48.4	48.5	49.2	49.6	53.4
≥ 3000		34.6	37.9	39.3	43.1	44.3	45.9	49.4	51.2	52.8	54.1	54.2	54.4	55.1	55.5	59.4
≥ 2500		38.3	41.6	43.1	46.9	48.4	49.9	53.8	55.7	57.2	58.5	58.7	58.8	59.7	60.1	63.9
≥ 2000		41.2	44.5	46.1	49.9	51.5	53.1	57.2	59.1	60.7	61.9	62.1	62.2	63.1	63.5	67.4
≥ 1800		42.9	46.4	48.1	52.4	54.1	55.7	59.8	61.7	63.2	64.5	64.7	64.8	65.7	66.1	70.0
≥ 1500		44.1	47.8	49.5	54.1	55.8	57.7	62.1	64.1	65.7	67.1	67.2	67.4	68.2	68.7	72.5
≥ 1200		46.1	49.9	51.6	56.4	58.2	60.4	64.8	67.1	68.8	70.2	70.4	70.5	71.4	71.8	75.7
≥ 1000		47.1	51.5	53.6	58.4	60.2	62.7	67.1	69.4	71.2	72.7	72.8	73.1	74.0	74.4	78.3
≥ 900		47.2	51.8	54.2	59.2	61.2	63.7	68.4	70.8	72.7	74.2	74.4	74.7	75.5	76.0	79.8
≥ 800		48.6	53.5	56.1	61.9	64.2	66.8	71.7	74.1	76.1	77.7	77.8	78.1	79.0	79.4	83.3
≥ 700		49.2	54.1	56.7	62.8	65.1	67.8	72.8	75.4	77.5	79.1	79.3	79.5	80.4	80.8	84.7
≥ 600		49.4	54.2	57.1	63.7	66.7	69.4	75.1	77.7	80.0	81.7	81.8	82.1	83.0	83.4	87.3
≥ 500		49.5	54.4	57.4	64.2	67.2	70.1	76.3	79.1	81.7	83.4	83.5	83.8	84.8	85.3	89.1
≥ 400		49.5	54.4	57.4	64.4	67.4	70.2	76.8	80.1	83.0	84.8	85.0	85.3	86.3	86.7	90.6
≥ 300		49.5	54.5	57.5	64.5	67.5	70.7	77.4	80.8	83.7	85.7	85.8	86.6	87.6	88.0	91.8
≥ 200		49.5	54.5	57.5	64.5	67.5	70.7	77.8	81.7	84.7	86.7	86.8	87.7	88.8	89.4	93.4
≥ 100		49.5	54.5	57.5	64.5	67.5	70.7	77.8	81.8	84.8	87.1	87.3	88.1	90.6	91.3	97.1
≥ 0		49.5	54.5	57.5	64.5	67.5	70.7	77.8	81.8	84.8	87.1	87.3	88.1	90.6	91.3	100.0

TOTAL NUMBER OF OBSERVATIONS 699

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		9.7	10.2	10.9	12.4	12.9	13.1	13.7	14.0	14.0	14.0	14.0	14.1	14.1	14.3	15.1
≥ 20000		16.6	17.9	19.3	21.7	22.2	22.9	23.9	24.5	24.5	24.9	24.9	25.0	25.2	25.5	26.3
≥ 18000		16.6	17.9	19.3	21.7	22.2	22.9	23.9	24.5	24.5	24.9	24.9	25.0	25.2	25.5	26.3
≥ 16000		16.6	17.9	19.3	21.7	22.2	22.9	23.9	24.5	24.5	24.9	24.9	25.0	25.2	25.5	26.3
≥ 14000		17.3	18.7	20.1	22.5	23.1	23.8	24.9	25.5	25.5	25.9	25.9	26.0	26.2	26.4	27.3
≥ 12000		18.6	20.3	21.7	24.5	25.0	25.9	27.1	27.7	27.7	28.1	28.1	28.3	28.4	28.7	29.5
≥ 10000		19.3	21.0	22.4	25.5	26.0	26.9	28.4	29.0	29.0	29.4	29.4	29.5	29.7	29.9	30.8
≥ 9000		20.0	21.7	23.1	26.3	26.9	27.7	29.2	29.8	29.8	30.2	30.2	30.3	30.6	30.9	31.7
≥ 8000		21.0	22.7	24.1	27.4	28.1	29.0	30.5	31.0	31.0	31.5	31.5	31.7	31.9	32.2	33.0
≥ 7000		21.3	22.9	24.3	27.7	28.4	29.2	30.8	31.3	31.3	31.7	31.7	32.0	32.2	32.4	33.3
≥ 6000		22.9	24.8	26.3	30.6	31.5	32.3	34.1	34.7	34.7	35.1	35.1	35.4	35.7	35.9	36.8
≥ 5000		26.3	28.3	29.8	35.0	35.9	36.9	39.0	39.6	39.6	40.0	40.0	40.3	40.6	40.8	41.8
≥ 4500		27.4	29.8	31.3	36.5	37.5	38.5	40.6	41.4	41.5	42.0	42.0	42.2	42.5	42.8	43.8
≥ 4000		30.5	33.0	34.5	40.1	41.1	42.1	44.2	45.0	45.2	45.6	45.6	45.9	46.2	46.4	47.4
≥ 3500		32.9	35.4	37.1	42.7	43.6	44.8	46.9	47.7	48.0	48.5	48.5	48.8	49.1	49.4	50.3
≥ 3000		36.6	39.6	41.7	47.4	48.4	49.5	51.9	52.7	53.0	53.6	53.6	53.8	54.1	54.4	55.4
≥ 2500		40.8	44.1	46.2	52.3	53.4	54.5	56.9	58.0	58.3	58.9	58.9	59.2	59.4	59.7	60.7
≥ 2000		43.1	46.3	48.4	55.0	56.2	57.5	59.9	61.0	61.3	61.8	61.8	62.1	62.4	62.7	63.6
≥ 1800		43.9	47.3	49.4	56.1	57.3	58.7	61.1	62.2	62.5	63.1	63.1	63.4	63.6	63.9	64.9
≥ 1500		48.1	51.6	53.8	60.6	62.0	63.5	66.4	67.8	68.1	68.7	68.7	69.0	69.2	69.5	70.5
≥ 1200		50.6	54.8	57.3	64.3	66.7	68.4	71.7	73.1	73.4	74.0	74.0	74.3	74.5	74.8	75.8
≥ 1000		52.9	57.1	59.7	67.0	69.5	71.5	75.0	76.4	76.8	77.5	77.5	77.8	78.0	78.3	79.3
≥ 900		53.4	57.8	60.8	68.4	71.0	73.3	76.8	78.2	78.6	79.3	79.3	79.6	79.9	80.1	81.1
≥ 800		54.3	58.6	61.7	69.5	72.3	74.5	78.2	79.6	80.1	80.8	80.8	81.1	81.4	81.7	82.7
≥ 700		56.1	60.7	63.8	71.9	74.8	77.3	81.3	82.8	83.4	84.1	84.1	84.3	84.6	84.9	85.9
≥ 600		56.5	61.1	64.2	73.6	76.5	79.3	83.4	85.0	85.6	86.4	86.4	86.7	87.0	87.3	88.3
≥ 500		56.8	61.5	64.6	74.0	77.3	80.3	84.6	86.4	87.0	87.8	87.8	88.1	88.4	88.7	89.7
≥ 400		56.8	61.5	64.8	74.4	77.8	80.7	85.6	87.6	88.4	89.2	89.4	89.7	90.1	90.3	91.3
≥ 300		56.9	61.7	64.9	74.5	77.9	81.1	86.3	88.5	89.8	90.8	91.0	91.3	91.9	92.2	93.3
≥ 200		56.9	61.7	64.9	74.7	78.0	81.3	86.4	88.7	90.5	91.9	92.3	92.6	93.6	93.8	95.5
≥ 100		56.9	61.7	64.9	74.7	78.0	81.3	86.4	89.0	90.9	92.3	92.7	93.4	95.0	95.7	98.6
≥ 0		56.9	61.7	64.9	74.7	78.0	81.3	86.4	89.0	90.9	92.3	92.7	93.4	95.1	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 715

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.0	16.2	17.5	18.2	18.6	19.0	19.0	19.0	19.4	19.6	19.6	19.6	19.6	19.6	19.6
≥ 20000		23.4	25.0	26.2	28.2	28.8	29.3	29.3	29.3	29.7	29.8	29.8	29.8	29.8	29.8	29.8
≥ 18000		23.4	25.0	26.2	28.2	28.8	29.3	29.3	29.3	29.7	29.8	29.8	29.8	29.8	29.8	29.8
≥ 16000		23.6	25.1	26.4	28.4	29.1	29.5	29.5	29.5	30.0	30.1	30.1	30.1	30.1	30.1	30.1
≥ 14000		23.7	25.2	26.5	28.6	29.4	29.8	29.8	29.8	30.2	30.4	30.4	30.4	30.4	30.4	30.4
≥ 12000		25.1	26.9	28.3	30.4	31.3	31.8	31.8	31.8	32.2	32.3	32.3	32.3	32.3	32.3	32.3
≥ 10000		26.6	28.4	30.1	32.7	34.0	34.4	34.4	34.4	34.8	35.0	35.0	35.0	35.0	35.0	35.0
≥ 9000		28.4	30.2	31.9	34.5	35.8	36.2	36.2	36.2	36.6	36.8	36.8	36.8	36.8	36.8	36.8
≥ 8000		30.1	31.9	33.6	36.2	37.4	37.9	37.9	37.9	38.3	38.4	38.4	38.4	38.4	38.4	38.4
≥ 7000		30.8	32.7	34.5	37.2	38.4	38.8	38.8	38.8	39.3	39.4	39.4	39.4	39.4	39.4	39.4
≥ 6000		31.8	33.7	35.5	38.4	39.7	40.1	40.1	40.1	40.5	40.6	40.6	40.6	40.6	40.6	40.6
≥ 5000		35.2	37.2	39.3	42.2	43.4	44.0	44.1	44.1	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500		38.6	40.8	43.0	45.9	47.3	48.0	48.3	48.4	48.8	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4000		40.5	42.7	45.1	48.0	49.5	50.2	50.6	50.8	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500		44.7	47.2	49.8	52.7	54.6	55.3	55.8	55.9	56.3	56.4	56.4	56.4	56.4	56.6	56.6
≥ 3000		48.7	51.2	54.2	57.1	59.1	59.8	60.2	60.3	60.7	60.9	60.9	60.9	60.9	61.0	61.0
≥ 2500		56.6	59.2	62.3	65.2	67.1	68.0	68.4	68.5	68.9	69.1	69.1	69.1	69.1	69.2	69.2
≥ 2000		59.8	62.8	65.9	69.5	71.4	72.4	72.8	73.0	73.4	73.5	73.5	73.5	73.5	73.6	73.6
≥ 1800		63.5	66.6	69.8	73.8	75.7	76.8	77.3	77.5	77.9	78.1	78.1	78.1	78.1	78.2	78.2
≥ 1500		64.5	68.2	72.0	77.3	79.6	80.9	81.7	82.2	82.7	82.8	82.8	82.8	82.8	82.9	82.9
≥ 1200		67.0	71.0	74.8	81.4	83.9	85.2	86.0	86.5	87.0	87.1	87.1	87.1	87.1	87.2	87.2
≥ 1000		67.8	72.0	75.9	82.9	85.6	87.0	87.9	88.6	89.0	89.2	89.2	89.2	89.2	89.3	89.3
≥ 900		68.4	72.7	76.7	84.2	87.2	88.6	89.6	90.3	90.7	90.8	90.8	90.8	90.8	91.0	91.0
≥ 800		68.8	73.1	77.1	84.6	87.8	89.3	90.4	91.1	91.5	91.7	91.7	91.7	91.7	91.8	91.8
≥ 700		69.2	73.5	77.5	85.4	88.6	90.3	91.5	92.4	92.9	93.1	93.1	93.1	93.1	93.2	93.2
≥ 600		69.8	74.3	78.5	87.0	90.3	92.4	93.9	94.7	95.4	95.6	95.6	95.6	95.6	95.7	95.7
≥ 500		69.9	74.5	78.6	87.2	90.6	92.8	94.3	95.6	96.4	96.5	96.5	96.5	96.5	96.7	96.7
≥ 400		69.9	74.5	78.6	87.4	90.7	92.9	94.6	96.1	97.1	97.2	97.2	97.2	97.2	97.4	97.4
≥ 300		69.9	74.5	78.6	87.4	90.7	92.9	94.7	96.4	97.5	97.8	97.8	97.8	97.9	98.1	98.1
≥ 200		69.9	74.5	78.6	87.4	90.7	92.9	94.7	96.7	97.8	98.3	98.3	98.3	98.5	98.6	98.8
≥ 100		69.9	74.5	78.6	87.4	90.7	92.9	94.7	96.7	97.8	98.3	98.3	98.5	98.9	99.2	99.6
≥ 0		69.9	74.5	78.6	87.4	90.7	92.9	94.7	96.7	97.8	98.3	98.3	98.5	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 721

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.7	18.3	18.9	19.8	20.3	21.2	22.1	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000		29.6	32.2	33.2	34.6	35.1	36.1	37.1	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000		29.9	32.5	33.5	34.9	35.4	36.4	37.3	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 16000		29.9	32.5	33.5	34.9	35.4	36.4	37.3	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 14000		30.2	32.8	33.7	35.1	35.7	36.7	37.6	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 12000		32.4	35.4	36.5	38.0	38.7	39.7	40.7	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 10000		36.0	39.1	40.4	42.3	43.0	44.1	45.2	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 9000		37.2	40.5	41.8	44.4	45.1	46.2	47.3	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000		39.3	42.6	43.8	46.5	47.2	48.4	49.5	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 7000		39.6	42.9	44.3	46.9	47.6	48.8	49.9	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 6000		41.4	44.7	46.2	48.8	49.5	50.8	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 5000		45.6	49.1	51.3	54.1	54.9	56.2	57.4	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4500		51.3	54.9	57.4	60.3	61.1	62.5	64.2	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000		54.6	58.2	60.9	63.8	64.7	66.1	67.8	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3500		58.9	62.6	65.7	68.7	69.7	71.1	72.8	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3000		61.4	65.3	68.5	71.9	72.9	74.3	75.9	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500		65.1	69.2	72.3	76.2	77.2	78.6	80.4	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000		66.5	70.7	74.3	78.7	79.9	81.3	83.4	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800		66.9	71.1	74.7	79.1	80.4	81.7	83.8	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500		67.8	72.2	75.8	80.8	82.3	83.8	86.2	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1200		69.4	73.9	77.9	83.1	84.9	86.7	89.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000		70.5	75.0	79.1	84.8	86.7	88.5	91.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900		71.2	75.7	79.8	85.6	87.7	89.6	92.3	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800		71.5	76.1	80.2	86.0	88.4	90.6	93.2	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700		71.8	76.6	81.2	87.3	89.8	92.0	94.7	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600		72.1	76.9	81.6	87.7	90.5	92.8	95.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		72.1	76.9	81.6	87.8	90.6	93.1	96.5	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		72.2	77.0	81.7	88.0	90.7	93.2	96.7	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300		72.2	77.0	81.7	88.0	90.7	93.2	96.7	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		72.2	77.0	81.7	88.0	90.7	93.2	96.7	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		72.2	77.0	81.7	88.0	90.7	93.2	96.7	98.3	99.3	99.4	99.4	99.6	100.0	100.0	100.0
0		72.2	77.0	81.7	88.0	90.7	93.2	96.7	98.3	99.3	99.4	99.4	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		19.9	20.9	21.5	23.1	23.9	25.6	26.0	26.8	27.8	28.2	28.2	28.2	28.6	28.6	28.8
≥ 20000		27.0	28.6	29.4	31.6	33.4	35.4	36.2	37.2	38.2	38.8	38.8	38.8	39.2	39.2	39.4
≥ 18000		27.6	29.2	30.0	32.4	34.0	36.2	37.0	38.0	39.0	39.6	39.6	39.6	40.0	40.0	40.2
≥ 16000		27.8	29.4	30.2	32.6	34.2	36.4	37.2	38.2	39.2	39.8	39.8	39.8	40.2	40.2	40.4
≥ 14000		29.0	30.6	31.4	33.8	35.4	37.6	38.4	39.4	40.4	41.0	41.0	41.0	41.4	41.4	41.6
≥ 12000		30.2	31.8	32.6	35.2	36.8	39.0	40.0	41.0	41.9	42.5	42.5	42.5	42.9	42.9	43.1
≥ 10000		31.6	33.4	34.2	36.8	38.4	40.8	41.7	42.7	43.7	44.3	44.3	44.3	44.7	44.7	44.9
≥ 9000		32.6	34.4	35.4	38.2	39.8	42.3	43.3	44.3	45.3	45.9	45.9	45.9	46.3	46.3	46.5
≥ 8000		34.6	36.8	37.8	41.0	42.5	45.1	46.1	47.1	48.1	48.7	48.7	48.7	49.1	49.1	49.3
≥ 7000		36.4	38.6	39.8	43.1	44.7	47.3	48.3	49.3	50.3	50.9	50.9	50.9	51.3	51.3	51.5
≥ 6000		38.4	40.6	41.7	45.1	46.7	49.3	50.3	51.3	52.3	52.9	52.9	52.9	53.3	53.3	53.5
≥ 5000		43.1	46.9	48.1	51.7	53.3	55.9	56.9	57.9	58.8	59.4	59.4	59.4	59.8	59.8	60.0
≥ 4500		46.9	51.7	53.1	57.5	59.2	61.8	63.0	64.4	65.6	66.2	66.2	66.2	66.6	66.6	66.8
≥ 4000		49.1	53.9	55.3	59.6	61.4	64.2	65.4	66.8	68.0	68.6	68.6	68.6	69.0	69.0	69.2
≥ 3500		51.7	56.5	57.9	62.6	64.4	67.2	68.4	69.8	71.0	71.6	71.6	71.6	72.0	72.0	72.2
≥ 3000		54.3	59.0	60.8	65.8	68.0	71.0	72.2	73.6	74.8	75.5	75.5	75.5	75.9	75.9	76.1
≥ 2500		56.3	61.0	62.8	67.8	70.0	73.0	74.6	76.1	77.3	78.1	78.1	78.1	78.5	78.5	78.7
≥ 2000		60.0	64.8	66.6	72.0	74.4	77.3	79.1	80.9	82.3	83.1	83.1	83.1	83.5	83.5	83.7
≥ 1800		61.2	66.0	68.0	73.6	75.9	78.9	80.7	82.5	83.9	84.7	84.7	84.7	85.1	85.1	85.3
≥ 1500		61.8	66.8	68.8	74.6	77.3	80.5	82.3	84.3	85.7	86.5	86.5	86.5	86.9	86.9	87.3
≥ 1200		63.8	68.8	71.0	76.9	79.7	83.3	85.1	87.1	88.5	89.3	89.3	89.3	89.7	89.7	90.1
≥ 1000		64.4	69.4	71.8	77.7	80.9	84.9	86.7	88.7	90.1	90.9	90.9	90.9	91.3	91.3	91.7
≥ 900		65.4	70.4	73.0	79.3	82.5	86.7	88.5	90.7	92.0	92.8	92.8	92.8	93.2	93.2	93.6
≥ 800		65.8	70.8	73.4	79.7	82.9	87.3	89.1	91.3	92.8	93.8	93.8	93.8	94.2	94.2	94.6
≥ 700		66.2	71.2	73.8	80.3	83.9	88.3	90.3	92.6	94.4	95.4	95.4	95.4	95.8	95.8	96.2
≥ 600		66.6	71.6	74.2	80.7	84.3	88.7	91.1	93.4	95.2	96.2	96.2	96.2	96.6	96.6	97.0
≥ 500		66.6	71.6	74.2	80.7	84.3	88.7	91.3	93.8	95.8	96.8	96.8	96.8	97.2	97.2	97.6
≥ 400		66.6	71.6	74.2	80.9	84.5	88.9	91.7	94.2	96.2	97.2	97.2	97.4	97.8	97.8	98.2
≥ 300		66.6	71.6	74.2	80.9	84.5	89.1	91.8	94.6	96.6	97.6	97.6	97.8	98.2	98.2	98.6
≥ 200		66.6	71.6	74.2	80.9	84.5	89.1	91.8	94.6	96.6	97.6	97.6	97.8	98.4	98.4	98.8
≥ 100		66.6	71.6	74.2	80.9	84.5	89.1	91.8	94.6	96.6	97.6	97.6	98.0	98.6	98.6	99.2
≥ 0		66.6	71.6	74.2	80.9	84.5	89.1	91.8	94.6	96.6	97.6	97.6	98.0	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 503

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,73-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		20.6	23.9	25.0	26.3	27.1	30.0	30.7	30.7	31.3	31.5	31.5	31.9	32.4	32.4	34.2
≥ 20000		24.6	27.9	29.0	30.3	31.1	34.5	35.3	35.3	35.9	36.1	36.1	36.6	37.0	37.0	38.9
≥ 18000		24.8	28.2	29.2	30.5	31.3	34.7	35.5	35.5	36.3	36.6	36.6	37.0	37.4	37.4	39.3
≥ 16000		24.8	28.2	29.2	30.5	31.3	34.7	35.5	35.5	36.3	36.6	36.6	37.0	37.4	37.4	39.3
≥ 14000		25.4	28.8	29.8	31.1	31.9	35.3	36.6	36.6	37.4	37.6	37.6	38.0	38.4	38.4	40.3
≥ 12000		26.9	30.3	31.3	32.6	33.4	36.8	38.0	38.0	38.9	39.1	39.1	39.5	39.9	39.9	41.8
≥ 10000		28.2	31.5	32.6	34.2	35.1	38.4	39.7	39.7	40.5	40.8	40.8	41.2	41.6	41.6	43.5
≥ 9000		29.0	32.4	33.4	35.3	36.1	39.5	40.8	40.8	41.6	41.8	41.8	42.2	42.6	42.6	44.5
≥ 8000		30.7	34.0	35.1	37.2	38.0	41.4	42.6	42.6	43.5	43.7	43.7	44.1	44.5	44.5	46.4
≥ 7000		31.9	35.3	36.6	39.1	39.9	43.3	44.5	44.5	45.4	45.6	45.6	46.0	46.4	46.4	48.3
≥ 6000		32.8	36.3	37.6	40.1	41.2	44.5	45.8	45.8	46.6	46.8	46.8	47.3	47.7	47.7	49.6
≥ 5000		38.2	42.4	43.7	46.4	47.7	51.3	52.5	52.5	54.0	54.2	54.2	54.6	55.0	55.0	57.1
≥ 4500		41.6	46.4	47.9	50.8	52.1	55.7	56.9	56.9	58.4	58.6	58.6	59.0	59.5	59.5	61.6
≥ 4000		42.6	47.7	49.2	52.3	53.6	57.4	58.6	58.6	60.1	60.3	60.3	60.7	61.1	61.1	63.2
≥ 3500		45.6	51.1	52.5	56.3	57.8	61.8	63.0	63.0	64.5	64.7	64.7	65.1	65.5	65.5	67.6
≥ 3000		46.2	51.7	53.4	57.1	59.0	63.2	64.5	64.9	66.6	66.8	66.8	67.2	67.6	67.9	69.7
≥ 2500		47.9	53.8	55.5	59.2	61.3	66.2	67.6	68.1	69.7	70.0	70.0	70.4	70.8	70.8	72.9
≥ 2000		51.1	57.1	58.8	62.6	64.7	70.0	71.4	72.1	73.7	73.9	73.9	74.4	75.0	75.0	77.1
≥ 1800		51.5	57.8	59.7	63.4	65.5	71.8	72.3	72.9	74.6	74.8	74.8	75.2	75.8	75.8	77.9
≥ 1500		53.8	60.5	62.4	66.4	68.5	74.9	75.4	76.1	77.7	78.4	78.4	78.8	79.4	79.4	81.5
≥ 1200		56.5	63.2	65.3	69.7	71.8	77.3	79.0	79.8	81.5	82.1	82.1	82.6	83.2	83.2	85.3
≥ 1000		58.2	65.1	67.2	71.8	74.2	79.8	81.7	82.6	84.2	84.9	84.9	85.3	85.9	85.9	88.0
≥ 900		59.7	66.6	68.7	73.3	75.6	81.5	83.4	84.2	86.1	86.8	86.8	87.2	87.8	87.8	89.9
≥ 800		60.1	67.2	69.3	74.2	76.7	83.0	84.9	85.7	87.6	88.2	88.2	88.7	89.3	89.3	91.4
≥ 700		60.1	67.2	69.3	75.0	77.7	84.0	86.1	87.2	89.1	89.7	89.7	90.1	90.8	90.8	92.9
≥ 600		60.3	67.6	69.7	75.8	78.8	85.5	87.6	88.9	90.8	91.4	91.4	91.8	92.4	92.4	94.5
≥ 500		60.3	67.6	70.0	76.5	79.4	86.1	88.2	89.7	91.6	92.6	92.6	93.1	93.7	93.7	95.8
≥ 400		60.3	67.9	70.2	76.7	79.6	86.3	88.9	90.3	92.4	93.5	93.5	93.9	94.5	94.5	96.6
≥ 300		60.3	67.9	70.2	76.7	79.6	86.3	88.9	90.3	92.6	93.7	93.9	94.3	95.0	95.0	97.1
≥ 200		60.3	67.9	70.2	76.7	79.6	86.3	88.9	90.3	92.9	94.1	94.5	95.0	95.8	95.8	97.9
≥ 100		60.3	67.9	70.2	76.7	79.6	86.3	88.9	90.3	92.9	94.1	94.5	95.0	96.0	96.0	98.3
≥ 0		60.3	67.9	70.2	76.7	79.6	86.3	88.9	90.3	92.9	94.1	94.5	95.0	96.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 476

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.2	16.4	17.1	18.3	19.0	19.8	20.4	20.7	21.1	21.4	21.4	21.6	21.9	22.1	23.7
≥ 20000		21.5	23.1	23.9	25.7	26.6	27.6	28.4	28.8	29.2	29.7	29.7	29.9	30.3	30.5	32.2
≥ 18000		21.6	23.2	24.1	25.9	26.8	27.8	28.6	29.0	29.4	29.9	29.9	30.1	30.5	30.7	32.4
≥ 16000		21.6	23.2	24.1	26.0	26.9	27.9	28.7	29.1	29.5	30.0	30.0	30.2	30.6	30.8	32.5
≥ 14000		22.0	23.6	24.5	26.4	27.3	28.3	29.2	29.6	30.0	30.5	30.5	30.7	31.1	31.3	33.0
≥ 12000		23.2	25.0	25.9	27.9	28.9	29.9	30.9	31.3	31.7	32.2	32.2	32.4	32.8	33.0	34.7
≥ 10000		24.6	26.4	27.4	29.8	30.8	32.0	33.0	33.4	33.8	34.3	34.3	34.5	34.9	35.1	36.8
≥ 9000		25.5	27.4	28.4	31.0	32.0	33.1	34.2	34.6	35.1	35.5	35.5	35.7	36.2	36.3	38.1
≥ 8000		26.9	28.9	29.9	32.5	33.6	34.8	35.8	36.2	36.7	37.1	37.2	37.4	37.8	38.0	39.7
≥ 7000		27.6	29.5	30.7	33.4	34.4	35.6	36.8	37.2	37.7	38.1	38.2	38.4	38.8	39.0	40.7
≥ 6000		29.2	31.3	32.5	35.5	36.6	37.9	39.2	39.7	40.2	40.6	40.7	40.9	41.4	41.5	43.3
≥ 5000		33.3	35.9	37.3	40.8	42.0	43.4	44.8	45.4	46.0	46.5	46.5	46.7	47.2	47.4	49.1
≥ 4500		36.5	39.4	41.0	44.7	46.0	47.5	49.1	49.9	50.6	51.1	51.1	51.3	51.8	52.0	53.8
≥ 4000		38.6	41.7	43.3	47.3	48.7	50.4	52.0	52.9	53.7	54.1	54.2	54.4	54.9	55.1	56.8
≥ 3500		41.3	44.6	46.3	50.6	52.2	54.0	55.7	56.6	57.5	58.0	58.0	58.2	58.7	58.9	60.7
≥ 3000		44.7	48.1	50.1	54.6	56.3	58.3	60.2	61.2	62.1	62.7	62.7	62.9	63.4	63.6	65.4
≥ 2500		48.6	52.2	54.2	58.6	60.7	62.9	65.0	66.0	67.0	67.5	67.6	67.8	68.3	68.5	70.3
≥ 2000		51.3	55.0	57.1	62.0	64.1	66.4	68.7	69.8	70.8	71.3	71.4	71.6	72.1	72.3	74.1
≥ 1800		52.7	56.4	58.6	63.8	65.8	68.2	70.5	71.6	72.6	73.2	73.2	73.4	74.0	74.2	76.0
≥ 1500		54.3	58.4	60.6	66.2	68.5	71.1	73.6	74.8	75.8	76.4	76.5	76.7	77.3	77.5	79.2
≥ 1200		56.6	60.9	63.3	69.3	71.8	74.6	77.4	78.7	79.7	80.3	80.4	80.6	81.1	81.3	83.1
≥ 1000		58.0	62.4	65.0	71.3	74.0	77.0	79.9	81.2	82.3	82.9	83.0	83.2	83.8	84.0	85.8
≥ 900		58.7	63.2	66.0	72.6	75.5	78.6	81.5	82.9	84.0	84.7	84.8	85.0	85.6	85.8	87.5
≥ 800		59.2	63.8	66.6	73.5	76.6	79.9	82.9	84.3	85.5	86.2	86.2	86.5	87.0	87.2	89.0
≥ 700		59.9	64.6	67.4	74.7	77.9	81.4	84.5	86.1	87.3	88.1	88.1	88.3	88.9	89.1	90.9
≥ 600		60.2	65.0	67.9	75.7	79.1	82.8	86.2	87.8	89.1	89.9	89.9	90.2	90.7	90.9	92.7
≥ 500		60.3	65.1	68.1	76.1	79.6	83.5	87.1	89.0	90.4	91.2	91.3	91.5	92.1	92.3	94.1
≥ 400		60.3	65.1	68.2	76.3	79.8	83.8	87.6	89.8	91.3	92.2	92.3	92.6	93.1	93.3	95.1
≥ 300		60.3	65.2	68.2	76.4	79.9	83.9	87.9	90.2	91.9	92.8	92.9	93.2	93.9	94.1	95.9
≥ 200		60.3	65.2	68.2	76.4	79.9	84.0	88.1	90.5	92.3	93.4	93.6	93.9	94.7	94.9	96.8
≥ 100		60.3	65.2	68.2	76.4	79.9	84.0	88.1	90.6	92.4	93.6	93.8	94.3	95.6	95.9	98.5
≥ 0		60.3	65.2	68.2	76.4	79.9	84.0	88.1	90.6	92.4	93.6	93.8	94.3	95.7	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5132

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.1	17.0	17.4	19.1	19.5	21.1	22.0	22.1	22.7	23.2	23.3	23.5	24.2	24.5	27.7
≥ 20000		19.8	21.2	21.7	24.1	24.5	26.4	27.4	27.6	28.2	28.6	28.8	28.9	29.7	30.0	33.2
≥ 18000		19.8	21.2	21.7	24.1	24.5	26.4	27.4	27.6	28.2	28.6	28.8	28.9	29.7	30.0	33.2
≥ 16000		20.0	21.4	21.8	24.2	24.7	26.5	27.6	27.7	28.3	28.8	28.9	29.1	29.8	30.2	33.3
≥ 14000		20.5	21.8	22.3	24.8	25.3	27.1	28.2	28.3	28.9	29.4	29.5	29.7	30.5	30.8	33.9
≥ 12000		21.4	22.7	23.2	25.9	26.8	28.6	29.7	29.8	30.5	30.9	31.1	31.2	32.0	32.3	35.5
≥ 10000		22.3	23.8	24.2	27.0	27.9	29.7	30.9	31.1	31.7	32.1	32.3	32.4	33.2	33.5	36.7
≥ 9000		22.7	24.2	24.7	27.6	28.5	30.3	31.8	32.0	32.6	33.0	33.2	33.3	34.1	34.4	37.6
≥ 8000		22.9	24.7	25.2	28.0	28.9	30.9	32.4	32.6	33.2	33.8	34.2	34.5	35.5	35.8	38.9
≥ 7000		23.6	25.6	26.1	28.9	29.8	31.8	33.5	33.8	34.4	35.0	35.5	35.8	36.7	37.0	40.2
≥ 6000		25.6	27.7	28.5	31.7	32.6	34.7	36.4	36.7	37.6	38.2	38.6	38.9	39.8	40.2	43.3
≥ 5000		28.0	30.3	31.1	34.2	35.3	37.6	39.4	39.7	40.6	41.2	41.7	42.0	42.9	43.2	46.4
≥ 4500		29.8	32.1	32.9	36.1	37.1	39.4	41.5	42.1	43.2	43.8	44.2	44.5	45.5	45.8	48.9
≥ 4000		31.8	34.2	35.0	38.3	39.4	41.7	43.9	44.5	45.6	46.2	46.7	47.0	48.0	48.3	51.5
≥ 3500		34.8	37.6	38.8	42.6	44.1	46.4	49.2	49.8	51.1	51.7	52.1	52.4	53.5	53.8	57.0
≥ 3000		39.1	42.0	43.5	47.7	49.2	52.0	55.5	56.5	57.7	58.3	58.8	59.1	60.2	60.5	63.8
≥ 2500		43.0	46.1	47.9	52.9	55.0	57.7	61.2	62.3	63.6	64.2	64.7	65.0	66.1	66.4	69.7
≥ 2000		47.1	50.6	52.4	57.9	60.2	62.9	66.5	67.6	69.2	69.8	70.3	70.6	71.7	72.0	75.3
≥ 1800		48.6	52.3	54.1	59.5	62.0	65.2	68.8	69.8	71.5	72.1	72.6	72.9	73.9	74.2	77.6
≥ 1500		50.0	53.6	55.6	61.5	63.9	67.6	71.2	72.3	73.9	74.5	75.0	75.3	76.4	76.7	80.0
≥ 1200		52.3	55.9	57.9	63.9	67.0	70.6	74.4	75.6	77.3	77.9	78.3	78.6	79.7	80.0	83.3
≥ 1000		52.6	56.4	58.6	64.8	68.0	71.7	75.5	76.7	78.3	78.9	79.4	79.7	80.8	81.1	84.4
≥ 900		53.0	56.8	59.2	65.5	68.6	72.4	76.2	77.4	79.1	79.7	80.2	80.5	81.5	81.8	85.2
≥ 800		53.6	57.4	60.0	66.4	69.5	73.8	77.7	78.9	80.8	81.4	81.8	82.1	83.2	83.5	86.8
≥ 700		53.9	57.7	60.5	66.8	70.0	74.2	78.2	79.4	81.4	82.0	82.4	82.7	83.8	84.1	87.4
≥ 600		54.4	58.3	61.2	67.9	71.7	76.2	80.3	81.5	83.6	84.4	84.8	85.2	86.2	86.5	89.8
≥ 500		54.7	58.8	61.7	68.8	72.6	77.4	81.5	82.7	85.0	85.8	86.2	86.5	87.6	88.0	91.4
≥ 400		54.8	58.9	61.8	69.5	73.6	78.5	82.7	84.4	87.0	88.0	88.5	88.9	90.2	90.6	93.9
≥ 300		54.8	58.9	61.8	70.0	74.2	79.1	83.3	85.3	88.0	89.1	89.5	90.3	91.5	92.0	95.6
≥ 200		54.8	58.9	61.8	70.3	74.5	79.4	83.9	86.1	88.8	89.8	90.3	91.1	92.4	92.9	96.7
≥ 100		54.8	58.9	61.8	70.5	74.7	79.5	84.4	86.7	89.4	90.9	91.5	92.3	93.9	94.5	99.1
≥ 0		54.8	58.9	61.8	70.5	74.7	79.5	84.4	86.7	89.4	90.9	91.5	92.4	94.1	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 660

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR (L.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.0	13.9	14.9	15.8	15.9	16.7	18.1	18.7	18.8	19.1	19.3	19.7	20.9	20.9	23.2
≥ 20000		15.7	17.5	18.7	19.9	20.0	21.4	23.0	23.6	23.8	24.1	24.2	24.6	25.8	25.8	28.1
≥ 18000		15.7	17.5	18.7	19.9	20.0	21.4	23.0	23.6	23.8	24.1	24.2	24.6	25.8	25.8	28.1
≥ 16000		15.7	17.5	18.7	19.9	20.0	21.4	23.0	23.6	23.8	24.1	24.2	24.6	25.8	25.8	28.1
≥ 14000		16.1	18.0	19.1	20.4	20.6	22.0	23.6	24.2	24.3	24.6	24.8	25.2	26.4	26.4	28.7
≥ 12000		16.5	18.4	19.6	21.0	21.2	22.8	24.3	24.9	25.1	25.4	25.5	26.1	27.2	27.2	29.9
≥ 10000		17.7	20.0	21.3	22.9	23.0	24.9	26.7	27.2	27.7	28.0	28.1	28.7	29.9	29.9	32.5
≥ 9000		17.8	20.1	21.4	23.0	23.2	25.2	27.0	27.5	28.1	28.7	28.8	29.4	30.6	30.6	33.2
≥ 8000		19.0	21.4	22.8	24.3	24.6	26.8	28.7	29.3	29.9	30.4	30.6	31.2	32.3	32.3	34.9
≥ 7000		19.3	21.7	23.2	24.8	25.4	27.5	29.7	30.3	30.9	31.4	31.6	32.2	33.3	33.3	35.9
≥ 6000		20.9	23.5	24.9	26.5	27.1	29.6	31.7	32.3	32.9	33.5	33.6	34.2	35.4	35.4	38.1
≥ 5000		23.9	27.1	28.7	31.3	31.9	34.3	36.8	37.4	38.0	38.6	38.7	39.3	40.4	40.4	43.2
≥ 4500		25.8	29.0	31.0	33.6	34.2	36.8	39.6	40.1	40.7	41.3	41.4	42.0	43.2	43.2	45.9
≥ 4000		27.8	31.4	33.5	36.8	37.4	40.1	42.9	43.5	44.1	44.6	44.8	45.4	46.5	46.5	49.3
≥ 3500		32.0	36.2	38.3	42.2	42.9	45.9	48.7	49.3	49.9	50.4	50.6	51.2	52.3	52.3	55.1
≥ 3000		36.2	40.9	42.9	47.2	48.0	51.0	53.8	54.5	55.2	55.8	55.9	56.5	57.8	57.8	60.6
≥ 2500		39.1	43.9	46.4	51.2	52.0	55.1	57.8	58.8	59.6	60.1	60.3	60.9	62.2	62.2	64.9
≥ 2000		42.8	48.1	50.7	55.5	56.7	60.0	62.8	64.2	64.9	65.5	65.7	66.2	67.8	67.8	70.6
≥ 1800		43.8	49.3	52.0	56.8	58.0	61.3	64.1	65.5	66.2	66.8	67.0	67.5	69.1	69.1	71.9
≥ 1500		45.5	51.0	53.9	59.1	60.3	63.8	66.5	68.0	68.7	69.3	69.4	70.0	71.6	71.6	74.3
≥ 1200		46.5	52.3	55.5	61.6	63.0	66.5	69.4	71.2	71.9	72.5	72.6	73.2	74.8	74.8	77.5
≥ 1000		47.8	53.8	57.5	63.9	65.5	69.1	72.0	73.8	74.5	75.1	75.2	75.8	77.5	77.5	80.3
≥ 900		48.6	54.8	58.7	65.7	67.5	71.3	74.2	76.1	76.8	77.4	77.5	78.1	79.9	79.9	82.6
≥ 800		49.3	55.8	59.7	66.8	68.7	72.6	75.7	77.5	78.3	78.8	79.0	79.6	81.4	81.6	84.3
≥ 700		49.7	56.4	60.4	68.0	69.9	74.1	77.2	79.1	79.9	80.4	80.6	81.2	83.0	83.2	85.9
≥ 600		50.1	56.8	61.2	69.3	71.4	75.9	79.4	81.4	82.2	82.8	82.9	83.6	85.5	85.7	88.4
≥ 500		50.4	57.4	61.9	70.6	72.8	77.5	81.0	83.0	83.8	84.5	84.8	85.7	88.0	88.1	90.9
≥ 400		50.6	57.7	62.2	71.2	73.8	78.7	82.2	84.3	85.1	85.8	86.1	87.0	89.3	89.4	92.3
≥ 300		50.7	57.8	62.3	71.3	74.1	79.0	82.6	84.9	85.8	86.5	86.8	87.7	90.3	90.6	93.5
≥ 200		50.7	57.8	62.6	71.6	74.3	79.3	83.3	85.7	86.8	88.1	88.4	89.4	92.3	92.6	95.7
≥ 100		50.7	57.8	62.6	71.6	74.3	79.3	83.6	85.9	87.2	88.8	89.4	90.7	94.3	94.8	99.4
≥ 0		50.7	57.8	62.6	71.6	74.3	79.3	83.6	85.9	87.4	89.0	89.6	91.2	94.9	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 690

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.1	13.7	14.0	14.5	15.4	15.5	16.2	17.0	17.0	17.1	17.1	17.2	17.9	18.1	20.9
≥ 20000		18.4	19.5	20.1	21.2	22.5	23.2	24.4	25.1	25.2	25.4	25.4	25.6	26.4	26.6	29.5
≥ 18000		18.4	19.5	20.1	21.2	22.5	23.2	24.4	25.1	25.2	25.4	25.4	25.6	26.4	26.6	29.5
≥ 16000		18.5	19.7	20.2	21.4	22.6	23.4	24.5	25.2	25.4	25.5	25.5	25.8	26.5	26.8	29.6
≥ 14000		18.8	19.9	20.5	21.7	22.9	23.6	24.8	25.5	25.6	25.8	25.8	26.1	26.8	27.1	29.9
≥ 12000		19.7	20.9	21.5	22.6	23.9	24.6	25.8	26.5	26.8	27.1	27.1	27.4	28.1	28.3	31.2
≥ 10000		20.5	21.9	22.6	23.9	25.2	25.9	27.1	27.8	28.2	28.5	28.5	28.8	29.5	29.8	32.6
≥ 9000		21.4	22.9	23.6	24.9	26.2	26.9	28.1	29.1	29.6	30.2	30.2	30.5	31.3	31.6	34.5
≥ 8000		22.1	23.6	24.4	25.8	27.4	28.1	29.3	30.3	30.9	31.6	31.6	31.9	32.8	33.0	35.9
≥ 7000		22.6	24.2	25.1	26.6	28.2	29.1	30.3	31.5	32.1	32.8	32.8	33.0	33.9	34.2	37.0
≥ 6000		24.2	26.1	27.1	29.1	30.9	32.1	33.3	34.5	35.0	35.8	35.8	36.0	36.9	37.2	40.0
≥ 5000		26.9	29.3	30.6	33.2	35.0	36.3	37.7	38.9	39.5	40.2	40.2	40.5	41.5	41.7	44.9
≥ 4500		29.2	31.6	33.6	36.5	38.3	39.6	41.0	42.2	42.7	43.6	43.6	43.9	44.9	45.2	48.3
≥ 4000		31.2	34.2	36.3	39.5	41.3	42.7	44.4	45.6	46.2	47.2	47.2	47.4	48.4	48.7	51.9
≥ 3500		35.6	38.9	41.5	44.6	46.4	48.0	49.7	50.9	51.4	52.4	52.4	52.7	53.7	54.0	57.1
≥ 3000		38.2	41.5	44.2	47.7	49.6	51.3	53.0	54.1	54.7	55.7	55.7	56.1	57.1	57.4	60.5
≥ 2500		42.6	46.4	49.1	53.1	55.6	57.7	59.7	61.3	61.8	62.8	62.8	63.2	64.2	64.5	67.7
≥ 2000		45.3	49.3	52.4	57.0	59.4	61.5	64.1	65.8	66.8	67.8	67.8	68.2	69.2	69.5	72.6
≥ 1800		46.0	50.0	53.3	57.8	60.3	62.5	65.1	66.8	67.9	68.9	68.9	69.4	70.4	70.7	73.8
≥ 1500		47.7	51.9	55.1	59.8	62.4	64.7	67.4	69.1	70.4	71.4	71.4	71.8	72.8	73.1	76.2
≥ 1200		48.7	53.3	56.8	61.7	64.4	66.7	69.5	71.2	72.5	73.6	73.6	74.1	75.1	75.4	78.5
≥ 1000		49.7	54.3	57.8	63.1	66.0	68.4	71.2	73.1	74.5	75.8	75.9	76.4	77.4	77.6	80.8
≥ 900		50.1	54.7	58.5	64.5	67.5	70.1	73.1	74.9	76.4	77.6	77.8	78.3	79.5	79.8	82.9
≥ 800		50.6	55.4	59.3	65.2	68.4	71.2	74.5	76.5	77.9	79.2	79.3	79.9	81.1	81.3	84.5
≥ 700		51.0	56.1	60.1	66.2	69.5	72.4	75.6	77.9	79.3	80.6	80.9	81.5	82.6	82.9	86.0
≥ 600		51.3	56.6	60.5	67.8	71.5	74.4	77.6	79.9	81.3	82.6	82.9	83.5	84.6	84.9	88.0
≥ 500		51.9	57.3	61.4	68.9	72.6	76.2	79.6	82.1	83.5	84.8	85.0	85.6	86.9	87.2	90.3
≥ 400		52.0	57.5	61.8	69.9	73.6	77.2	80.9	83.3	85.0	86.9	87.2	87.7	89.2	89.5	93.0
≥ 300		52.0	57.5	61.8	70.1	74.1	77.8	81.5	84.3	86.2	88.0	88.5	89.0	90.6	90.9	94.4
≥ 200		52.0	57.5	61.8	70.1	74.1	77.8	81.8	84.9	87.2	89.3	89.7	90.5	92.2	92.7	96.7
≥ 100		52.0	57.5	61.8	70.1	74.1	77.8	81.9	85.3	87.9	90.0	90.5	91.5	93.4	94.2	99.6
≥ 0		52.0	57.5	61.8	70.1	74.1	77.8	81.9	85.3	87.9	90.0	90.6	91.6	93.6	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.4	11.7	12.1	13.4	13.5	13.8	14.3	14.8	15.2	15.2	15.2	15.2	15.6	16.0	16.7
≥ 20000		20.4	21.5	22.5	24.7	24.8	25.4	26.1	26.8	27.4	27.4	27.6	27.7	28.7	29.1	29.9
≥ 18000		20.6	21.7	22.6	24.6	25.0	25.5	26.2	26.9	27.6	27.6	27.7	27.9	28.8	29.2	30.1
≥ 16000		20.7	21.8	22.8	25.1	25.2	25.8	26.5	27.2	27.9	27.9	28.0	28.1	29.1	29.5	30.3
≥ 14000		21.7	22.8	23.7	26.2	26.3	27.0	27.7	28.4	29.1	29.1	29.2	29.4	30.3	30.8	31.6
≥ 12000		23.3	24.6	25.5	28.1	28.3	29.0	29.9	30.8	31.4	31.4	31.6	31.7	32.7	33.1	33.9
≥ 10000		25.5	27.3	28.3	31.0	31.4	32.3	33.5	34.5	35.2	35.3	35.4	35.6	36.6	37.0	37.8
≥ 9000		26.5	28.4	29.5	32.4	32.8	34.1	35.3	36.3	37.0	37.2	37.4	37.5	38.5	38.9	39.7
≥ 8000		27.3	29.2	30.6	33.8	34.3	35.6	36.8	37.8	38.5	38.8	38.9	39.0	40.0	40.4	41.2
≥ 7000		27.6	29.5	31.0	34.3	34.9	36.1	37.4	38.3	39.0	39.3	39.4	39.6	40.6	41.0	41.8
≥ 6000		28.6	30.6	32.4	36.0	36.6	37.9	39.2	40.1	40.8	41.1	41.2	41.4	42.3	42.8	43.6
≥ 5000		30.9	33.1	35.3	39.2	39.9	41.4	42.6	43.6	44.3	44.6	44.7	45.0	45.9	46.3	47.3
≥ 4500		34.2	37.0	39.4	43.4	44.1	45.7	47.0	48.0	49.1	49.4	49.5	49.8	50.8	51.2	52.1
≥ 4000		36.3	39.3	41.8	46.2	47.0	48.6	49.9	50.9	52.0	52.3	52.4	52.7	53.7	54.1	55.0
≥ 3500		39.4	42.6	45.1	49.5	50.3	51.9	53.2	54.3	55.4	55.7	56.0	56.3	57.2	57.7	58.6
≥ 3000		41.8	45.0	47.6	52.6	53.4	54.9	56.4	57.5	58.6	59.0	59.3	59.6	60.6	61.0	61.9
≥ 2500		44.8	48.4	51.2	56.4	57.2	58.8	60.7	62.1	63.2	63.6	63.9	64.1	65.1	65.5	66.5
≥ 2000		47.9	51.4	54.3	60.1	61.1	62.8	65.2	66.8	68.1	68.6	68.8	69.1	70.2	70.6	71.6
≥ 1800		48.6	52.1	55.0	60.8	61.8	63.4	66.1	67.7	69.1	69.5	69.8	70.1	71.2	71.6	72.6
≥ 1500		51.3	55.0	57.9	63.9	64.8	66.5	69.1	70.8	72.1	72.6	72.8	73.1	74.2	74.6	75.6
≥ 1200		53.9	57.9	61.0	67.0	68.1	69.8	72.4	74.1	75.4	75.9	76.1	76.4	77.5	77.9	78.9
≥ 1000		55.4	60.0	63.3	69.7	70.8	72.4	75.0	76.8	78.2	78.8	79.2	79.4	80.6	81.0	81.9
≥ 900		55.9	60.6	64.0	70.5	71.6	73.5	76.4	78.2	79.6	80.3	80.7	81.0	82.1	82.5	83.4
≥ 800		56.3	61.1	64.6	71.3	72.7	74.8	77.8	79.7	81.4	82.3	82.8	83.2	84.3	84.7	85.7
≥ 700		56.8	61.8	65.4	72.6	74.3	76.7	79.9	81.8	83.4	84.4	84.8	85.2	86.3	86.8	87.7
≥ 600		57.5	62.6	66.3	73.5	75.9	78.3	81.5	83.6	85.2	86.2	86.6	87.0	88.1	88.6	89.5
≥ 500		58.1	63.6	67.3	74.6	77.0	79.4	83.2	85.5	87.2	88.1	88.6	89.0	90.1	90.5	91.4
≥ 400		58.3	63.9	67.7	75.3	77.8	80.7	84.7	87.0	89.1	90.2	90.6	91.0	92.1	92.6	93.5
≥ 300		58.3	63.9	67.7	75.3	77.9	81.1	85.2	87.7	89.8	91.2	91.7	92.4	93.9	94.3	95.3
≥ 200		58.3	63.9	67.7	75.3	77.9	81.1	85.4	88.4	90.8	92.1	92.7	93.4	95.2	95.6	97.0
≥ 100		58.3	63.9	67.7	75.4	78.1	81.2	85.5	88.7	91.2	92.8	93.4	94.1	96.1	96.6	99.7
≥ 0		58.3	63.9	67.7	75.4	78.1	81.2	85.5	88.7	91.2	92.8	93.4	94.1	96.3	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 725

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		15.7	15.8	16.1	16.9	17.4	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000		25.6	26.0	26.8	27.8	28.3	28.9	29.3	29.7	29.9	29.9	29.9	29.9	30.0	30.0	30.0
≥ 18000		25.6	26.0	26.8	27.8	28.3	28.9	29.3	29.7	29.9	29.9	29.9	29.9	30.0	30.0	30.0
≥ 16000		25.6	26.0	26.8	27.8	28.3	28.9	29.3	29.7	29.9	29.9	29.9	29.9	30.0	30.0	30.0
≥ 14000		26.4	26.8	27.6	28.6	29.2	29.9	30.3	30.7	30.8	30.8	30.8	30.8	31.0	31.0	31.0
≥ 12000		28.9	29.3	30.1	31.1	32.1	32.8	33.2	33.6	33.8	33.8	33.8	33.8	33.9	33.9	33.9
≥ 10000		31.4	31.8	32.8	33.8	34.9	35.6	36.1	36.5	36.7	36.7	36.7	36.7	36.8	36.8	36.8
≥ 9000		32.9	33.3	34.3	35.7	36.9	37.6	38.2	38.6	38.8	38.8	38.8	38.8	38.9	38.9	38.9
≥ 8000		34.7	35.1	36.1	37.5	38.9	40.1	40.7	41.1	41.3	41.3	41.3	41.3	41.4	41.4	41.4
≥ 7000		35.0	35.4	36.4	37.8	39.2	40.4	41.1	41.5	41.7	41.7	41.7	41.7	41.8	41.8	41.8
≥ 6000		36.1	36.7	37.6	39.2	40.6	41.8	42.5	42.9	43.1	43.1	43.1	43.1	43.2	43.2	43.2
≥ 5000		39.4	40.0	41.1	43.3	44.9	46.8	47.5	47.9	48.1	48.1	48.1	48.1	48.2	48.2	48.2
≥ 4500		42.4	43.3	44.4	46.9	48.5	50.6	51.3	51.7	51.8	51.8	51.8	51.8	51.9	51.9	51.9
≥ 4000		44.0	45.0	46.1	48.9	50.4	52.5	53.2	53.6	53.8	53.8	53.8	53.8	53.9	53.9	53.9
≥ 3500		47.5	48.6	49.7	52.6	54.3	56.4	57.2	57.8	58.1	58.1	58.1	58.1	58.2	58.2	58.2
≥ 3000		50.4	51.7	52.9	56.3	57.9	60.3	61.3	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2
≥ 2500		54.9	56.3	57.9	61.5	63.2	65.8	67.1	67.8	68.1	68.1	68.1	68.1	68.2	68.2	68.2
≥ 2000		57.2	59.0	60.8	65.0	66.8	69.6	71.0	71.7	71.9	72.1	72.1	72.1	72.2	72.2	72.2
≥ 1800		59.0	61.0	62.8	66.9	68.8	71.8	73.2	74.0	74.3	74.4	74.4	74.4	74.6	74.6	74.6
≥ 1500		60.8	62.9	64.9	69.0	70.8	73.9	75.3	76.4	76.7	76.8	76.8	76.8	76.9	76.9	76.9
≥ 1200		62.1	64.4	66.7	71.1	73.3	76.5	77.9	79.0	79.3	79.4	79.4	79.4	79.6	79.6	79.6
≥ 1000		64.7	67.8	70.3	75.4	77.9	81.3	82.8	83.9	84.2	84.4	84.4	84.4	84.6	84.6	84.6
≥ 900		65.6	68.6	71.4	76.8	79.3	83.2	84.7	85.8	86.1	86.4	86.4	86.4	86.5	86.5	86.5
≥ 800		66.5	69.6	72.4	78.2	80.7	84.6	86.1	87.2	87.6	88.2	88.2	88.2	88.3	88.3	88.3
≥ 700		67.1	70.1	72.9	79.2	81.8	85.8	87.4	88.6	89.2	89.9	89.9	89.9	90.0	90.0	90.0
≥ 600		67.9	71.3	74.0	80.4	83.3	87.6	89.3	90.6	91.4	92.1	92.2	92.2	92.4	92.4	92.4
≥ 500		67.9	71.4	74.4	81.3	84.9	89.2	91.3	92.6	93.6	94.3	94.7	94.9	95.0	95.0	95.0
≥ 400		67.9	71.4	74.4	81.4	85.1	89.9	92.4	93.9	94.9	95.6	96.0	96.1	96.3	96.3	96.3
≥ 300		68.1	71.5	74.9	82.2	86.0	90.7	93.2	94.7	95.7	96.8	97.4	97.6	97.8	97.8	97.8
≥ 200		68.1	71.5	74.9	82.2	86.0	90.7	93.8	95.4	96.4	97.5	98.1	98.3	98.5	98.5	99.0
≥ 100		68.1	71.5	74.9	82.2	86.0	90.7	93.8	95.4	96.4	97.5	98.1	98.5	98.6	98.91	100.0
≥ 0		68.1	71.5	74.9	82.2	86.0	90.7	93.8	95.4	96.4	97.5	98.1	98.5	98.6	98.91	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.4	17.2	18.2	19.3	19.6	20.3	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 20000		28.0	29.4	30.3	31.4	31.9	32.8	33.7	34.2	34.3	34.5	34.6	34.6	34.6	34.6	34.6
≥ 18000		28.7	30.1	31.0	32.1	32.6	33.5	34.3	34.9	35.0	35.2	35.3	35.3	35.3	35.3	35.3
≥ 16000		28.8	30.2	31.2	32.3	32.7	33.7	34.5	35.0	35.2	35.3	35.4	35.4	35.4	35.4	35.4
≥ 14000		29.5	30.9	31.9	33.0	33.4	34.3	35.2	35.7	35.9	36.0	36.1	36.1	36.1	36.1	36.1
≥ 12000		31.7	33.1	34.1	35.2	35.6	36.6	37.4	37.9	38.1	38.2	38.3	38.3	38.3	38.3	38.3
≥ 10000		33.8	35.6	37.0	38.5	38.9	39.9	40.8	41.5	41.7	41.8	41.9	41.9	41.9	41.9	41.9
≥ 9000		34.6	36.4	37.8	39.3	39.7	40.8	41.9	42.6	42.8	42.9	43.0	43.0	43.0	43.0	43.0
≥ 8000		35.9	37.8	39.2	41.1	41.5	42.8	43.9	44.7	44.8	45.0	45.1	45.1	45.1	45.1	45.1
≥ 7000		36.3	38.2	39.7	41.7	42.3	43.6	44.7	45.5	45.7	45.8	45.9	45.9	45.9	45.9	45.9
≥ 6000		37.2	39.3	40.8	42.9	43.6	45.0	46.1	46.9	47.0	47.2	47.3	47.3	47.3	47.3	47.3
≥ 5000		40.7	43.3	44.8	47.0	48.0	49.4	50.5	51.3	51.4	51.6	51.7	51.7	51.7	51.7	51.7
≥ 4500		44.3	47.4	49.0	51.2	52.4	53.8	55.2	56.0	56.1	56.3	56.4	56.4	56.4	56.4	56.4
≥ 4000		46.5	49.8	51.3	53.7	55.0	56.6	58.1	58.9	59.0	59.2	59.3	59.3	59.3	59.3	59.3
≥ 3500		48.6	52.0	53.5	56.3	57.8	59.4	61.1	61.9	62.2	62.3	62.5	62.5	62.5	62.5	62.5
≥ 3000		49.7	54.2	56.0	58.9	60.7	62.8	64.6	65.4	65.7	65.8	65.9	65.9	65.9	65.9	65.9
≥ 2500		52.3	57.1	59.0	62.1	63.9	66.5	68.3	69.1	69.5	69.7	69.8	69.8	69.8	69.8	69.8
≥ 2000		54.6	60.3	62.3	66.1	68.0	70.8	72.7	73.5	73.9	74.1	74.2	74.2	74.2	74.2	74.2
≥ 1800		55.6	61.4	63.9	67.7	69.7	72.7	74.6	75.4	76.0	76.3	76.4	76.4	76.4	76.4	76.4
≥ 1500		57.7	64.0	66.8	70.8	72.8	75.9	77.9	79.2	80.0	80.3	80.4	80.4	80.4	80.4	80.4
≥ 1200		60.4	66.8	69.7	74.2	76.4	79.9	82.2	83.7	84.6	85.0	85.1	85.1	85.1	85.1	85.1
≥ 1000		62.3	69.0	72.0	77.2	79.6	83.2	85.7	87.2	88.0	88.6	88.7	88.8	88.8	88.8	88.8
≥ 900		62.9	69.7	72.7	78.2	80.6	84.6	87.0	88.7	89.7	90.2	90.3	90.8	90.8	90.8	90.8
≥ 800		63.4	70.2	73.2	78.9	81.7	86.1	88.7	90.3	91.3	91.9	92.0	92.4	92.4	92.4	92.4
≥ 700		63.7	70.6	73.7	79.6	82.3	87.0	89.8	91.6	92.6	93.1	93.2	93.7	93.7	93.7	93.7
≥ 600		64.1	71.0	74.1	80.0	82.8	87.6	90.5	92.4	93.5	94.2	94.3	94.9	95.0	95.0	95.0
≥ 500		64.4	71.4	74.5	80.7	83.4	88.4	91.4	93.5	94.8	95.4	95.6	96.1	96.3	96.3	96.3
≥ 400		64.4	71.4	74.5	80.8	83.7	88.7	92.0	94.2	95.4	96.3	96.4	97.0	97.1	97.1	97.1
≥ 300		64.4	71.6	74.6	81.1	84.0	89.0	92.3	94.6	95.9	96.8	97.0	97.5	97.8	97.8	97.8
≥ 200		64.4	71.6	74.6	81.1	84.0	89.0	92.4	94.8	96.3	97.9	98.3	98.9	99.2	99.2	99.4
≥ 100		64.4	71.6	74.6	81.1	84.0	89.0	92.4	94.9	96.4	98.1	98.5	99.3	99.6	99.6	99.9
≥ 0		64.4	71.6	74.6	81.1	84.0	89.0	92.4	94.9	96.4	98.1	98.5	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 725

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		18.0	20.4	20.8	21.6	22.8	24.4	26.1	26.3	26.9	26.9	26.9	26.9	26.9	26.9	27.1
≥ 20000		26.3	28.7	29.1	30.5	31.9	33.7	35.5	35.7	36.3	36.3	36.3	36.3	36.3	36.3	36.5
≥ 18000		26.7	29.1	29.5	30.9	32.3	34.1	35.9	36.1	36.7	36.7	36.7	36.7	36.7	36.7	36.9
≥ 16000		26.7	29.1	29.5	30.9	32.3	34.1	35.9	36.1	36.7	36.7	36.7	36.7	36.7	36.7	36.9
≥ 14000		27.1	29.5	29.9	31.3	32.7	34.5	36.3	36.5	37.1	37.1	37.1	37.1	37.1	37.1	37.3
≥ 12000		28.5	30.9	31.3	32.7	34.1	35.9	37.7	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.7
≥ 10000		29.9	32.3	32.9	34.3	35.7	37.5	39.3	39.5	40.1	40.1	40.1	40.1	40.1	40.1	40.3
≥ 9000		30.5	32.9	33.5	34.9	36.3	38.3	40.1	40.3	40.9	40.9	40.9	40.9	40.9	40.9	41.1
≥ 8000		30.9	33.3	33.9	35.3	36.9	38.9	40.7	40.9	41.5	41.5	41.5	41.5	41.5	41.5	41.7
≥ 7000		31.1	33.5	34.1	35.5	37.1	39.1	40.9	41.1	41.7	41.7	41.7	41.7	41.7	41.7	41.9
≥ 6000		33.1	35.7	36.5	37.9	39.7	41.7	43.5	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.5
≥ 5000		37.3	40.3	41.3	42.7	44.7	46.7	48.5	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.5
≥ 4500		38.9	42.5	43.7	45.1	47.5	49.9	51.7	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.9
≥ 4000		40.3	43.9	45.1	47.1	49.5	51.9	53.7	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.9
≥ 3500		42.5	46.3	47.7	49.7	52.5	55.1	56.9	57.1	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 3000		45.9	50.1	51.5	53.9	57.1	60.3	62.5	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.7
≥ 2500		48.9	53.3	55.3	58.3	61.5	65.7	68.1	68.3	69.1	69.3	69.3	69.3	69.5	69.5	69.7
≥ 2000		53.3	58.1	60.1	63.9	67.3	71.9	74.7	74.9	75.8	76.0	76.0	76.0	76.2	76.2	76.4
≥ 1800		53.9	58.7	60.9	64.7	68.1	72.7	75.8	76.0	77.0	77.8	77.8	77.8	78.0	78.0	78.2
≥ 1500		55.7	60.9	63.1	67.5	71.1	76.6	80.0	80.2	81.2	82.0	82.0	82.0	82.2	82.2	82.4
≥ 1200		56.5	61.7	64.5	69.9	74.1	79.8	83.2	83.4	84.6	85.4	85.4	85.4	85.6	85.6	85.8
≥ 1000		57.9	63.7	67.1	72.7	77.4	83.2	86.6	87.2	88.4	89.2	89.2	89.2	89.4	89.4	89.6
≥ 900		58.3	64.3	67.9	73.5	78.4	84.8	88.2	88.8	90.4	91.2	91.2	91.2	91.4	91.4	91.6
≥ 800		58.5	64.5	68.3	73.9	79.2	85.6	89.0	89.8	91.4	92.2	92.2	92.2	92.4	92.4	92.6
≥ 700		58.9	64.9	68.7	74.5	79.8	86.2	89.6	90.4	92.0	92.8	92.8	92.8	93.0	93.0	93.2
≥ 600		58.9	64.9	68.9	74.7	80.0	86.6	90.0	91.4	93.0	93.8	93.8	93.8	94.0	94.0	94.2
≥ 500		59.1	65.1	69.1	74.9	80.4	87.6	91.0	92.4	94.0	95.0	95.0	95.0	95.4	95.4	95.6
≥ 400		59.3	65.5	69.5	75.4	81.0	88.6	92.0	94.0	95.8	96.8	96.8	96.8	97.2	97.2	97.4
≥ 300		59.3	65.5	69.5	75.4	81.0	88.6	92.2	94.4	96.2	97.2	97.2	97.4	98.0	98.0	98.4
≥ 200		59.3	65.5	69.5	75.4	81.0	88.6	92.2	94.4	96.2	97.2	97.4	97.8	98.4	98.4	98.8
≥ 100		59.3	65.5	69.5	75.4	81.0	88.6	92.4	94.6	96.4	97.4	97.6	98.4	99.4	99.4	99.8
≥ 0		59.3	65.5	69.5	75.4	81.0	88.6	92.4	94.6	96.4	97.4	97.6	98.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 499

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70,73-74 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		19.1	20.2	20.8	21.7	23.2	24.3	25.5	26.4	26.7	26.7	27.0	27.0	27.6	27.6	29.0
≥ 20000		25.8	27.3	27.9	28.7	30.2	31.4	32.8	33.7	34.0	34.0	34.3	34.3	34.9	34.9	36.4
≥ 18000		25.8	27.3	27.9	28.7	30.2	31.4	32.8	33.7	34.0	34.0	34.3	34.3	34.9	34.9	36.4
≥ 16000		25.8	27.3	27.9	28.7	30.2	31.4	32.8	33.7	34.0	34.0	34.3	34.3	34.9	34.9	36.4
≥ 14000		26.4	27.9	28.4	29.3	30.8	32.0	33.4	34.3	34.6	34.6	34.9	34.9	35.5	35.5	37.0
≥ 12000		27.0	28.4	29.0	29.9	31.4	32.6	34.0	34.9	35.2	35.2	35.5	35.5	36.1	36.1	37.5
≥ 10000		28.4	30.2	30.8	31.7	33.1	34.3	35.8	36.7	37.0	37.0	37.2	37.2	37.8	37.8	39.3
≥ 9000		28.7	30.5	31.4	32.3	33.7	34.9	36.4	37.5	37.8	37.8	38.1	38.1	38.7	38.7	40.2
≥ 8000		29.3	31.1	32.0	32.8	34.3	35.5	37.0	38.1	38.4	38.7	39.0	39.0	39.6	39.6	41.1
≥ 7000		29.3	31.1	32.0	33.1	34.9	36.4	37.8	39.0	39.3	39.6	39.9	39.9	40.5	40.5	41.9
≥ 6000		30.2	32.0	32.8	34.0	35.8	37.2	38.7	39.9	40.2	40.5	40.8	40.8	41.3	41.3	42.8
≥ 5000		34.0	36.1	37.2	38.7	40.5	41.9	43.4	44.9	45.2	45.5	45.7	45.7	46.3	46.3	47.8
≥ 4500		35.5	37.5	39.0	40.5	42.2	44.3	45.7	47.2	47.5	47.8	48.1	48.1	48.7	48.7	50.1
≥ 4000		36.4	38.7	40.2	41.6	43.4	45.5	46.9	48.7	49.0	49.3	49.6	49.6	50.1	50.1	51.6
≥ 3500		40.5	43.1	45.2	46.6	48.7	51.0	52.5	54.3	54.5	54.8	55.1	55.1	55.7	55.7	57.2
≥ 3000		45.5	48.4	50.7	52.5	55.1	58.7	60.4	62.2	62.8	63.0	63.3	63.3	63.9	63.9	65.4
≥ 2500		48.1	51.3	54.0	56.9	59.8	63.6	66.0	67.7	68.3	68.6	68.9	68.9	69.5	69.5	71.0
≥ 2000		49.3	52.5	55.7	58.9	61.9	65.7	68.0	70.4	71.0	71.6	71.8	71.8	72.4	72.4	73.9
≥ 1800		49.6	52.8	56.0	59.5	62.5	66.3	68.6	71.3	71.8	73.0	73.3	73.3	73.9	73.9	75.4
≥ 1500		50.4	54.5	58.1	62.5	65.7	70.4	72.7	75.4	76.2	77.4	77.7	77.7	78.3	78.3	79.8
≥ 1200		51.6	55.7	59.5	65.1	69.2	73.9	76.2	78.9	79.8	80.9	81.2	81.2	81.8	82.1	83.6
≥ 1000		53.7	58.1	62.2	68.3	72.4	77.1	79.5	82.1	83.0	84.5	84.8	84.8	85.3	85.6	87.1
≥ 900		53.7	58.4	62.5	68.6	73.3	78.0	80.9	83.9	85.0	86.5	86.8	86.8	87.4	87.7	89.1
≥ 800		54.0	58.7	62.8	69.2	73.9	78.6	81.8	85.0	86.5	88.0	88.3	88.3	88.9	89.1	90.6
≥ 700		54.0	58.7	63.3	70.7	75.4	80.4	83.6	86.8	88.3	89.7	90.0	90.0	90.6	90.9	92.4
≥ 600		54.0	58.7	63.3	71.0	76.0	80.9	84.8	88.9	90.6	92.1	92.7	92.7	93.3	93.5	95.0
≥ 500		54.0	58.9	63.6	71.3	76.5	81.8	85.6	89.7	92.1	93.5	94.1	94.1	94.7	95.0	96.5
≥ 400		54.0	58.9	63.6	71.3	76.5	82.1	86.2	90.6	93.0	94.4	95.0	95.0	95.6	95.9	97.4
≥ 300		54.0	58.9	63.6	71.3	76.5	82.1	86.2	90.6	93.0	94.7	95.3	95.3	95.9	96.2	97.7
≥ 200		54.0	58.9	63.6	71.3	76.5	82.1	86.2	90.6	93.0	94.7	95.3	95.6	96.2	96.5	97.9
≥ 100		54.0	58.9	63.6	71.3	76.5	82.1	86.2	90.6	93.0	94.7	95.3	95.6	97.4	97.7	99.7
≥ 0		54.0	58.9	63.6	71.3	76.5	82.1	86.2	90.6	93.0	94.7	95.3	95.6	97.4	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 341

USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.8	15.8	16.3	17.3	17.9	18.6	19.4	19.8	20.1	20.2	20.2	20.3	20.8	20.9	22.3
≥ 20000		22.2	23.5	24.3	25.7	26.4	27.5	28.5	29.0	29.4	29.5	29.6	29.8	30.3	30.4	31.8
≥ 18000		22.3	23.7	24.4	25.9	26.5	27.6	28.7	29.2	29.5	29.7	29.8	29.9	30.5	30.6	32.0
≥ 16000		22.4	23.7	24.5	26.0	26.6	27.7	28.8	29.3	29.6	29.8	29.9	30.0	30.6	30.7	32.1
≥ 14000		23.0	24.3	25.1	26.6	27.3	28.4	29.5	30.0	30.3	30.5	30.6	30.7	31.3	31.4	32.8
≥ 12000		24.4	25.8	26.5	28.1	28.9	30.0	31.1	31.7	32.0	32.2	32.3	32.4	33.0	33.1	34.5
≥ 10000		26.0	27.6	28.5	30.2	31.1	32.3	33.5	34.1	34.5	34.7	34.7	34.9	35.5	35.6	37.0
≥ 9000		26.7	28.4	29.4	31.2	32.0	33.3	34.6	35.2	35.7	36.0	36.1	36.2	36.8	36.9	38.3
≥ 8000		27.6	29.4	30.4	32.3	33.3	34.7	36.1	36.7	37.2	37.5	37.6	37.8	38.4	38.5	39.9
≥ 7000		28.0	29.8	30.9	32.8	33.9	35.4	36.8	37.5	37.9	38.3	38.4	38.6	39.2	39.3	40.7
≥ 6000		29.4	31.3	32.5	34.7	35.8	37.4	38.8	39.5	40.0	40.4	40.5	40.7	41.3	41.4	42.8
≥ 5000		32.5	34.7	36.1	38.7	39.9	41.7	43.2	43.9	44.4	44.7	44.9	45.1	45.7	45.8	47.3
≥ 4500		34.9	37.5	39.1	41.7	43.1	45.0	46.6	47.4	47.9	48.3	48.4	48.6	49.2	49.4	50.9
≥ 4000		36.8	39.6	41.2	44.2	45.6	47.5	49.2	50.0	50.6	51.0	51.1	51.3	51.9	52.1	53.6
≥ 3500		40.1	43.2	45.0	48.2	49.7	51.8	53.6	54.4	55.1	55.5	55.6	55.8	56.4	56.6	58.1
≥ 3000		43.2	46.5	48.5	52.1	53.8	56.2	58.2	59.1	59.8	60.2	60.3	60.5	61.2	61.3	62.8
≥ 2500		46.6	50.3	52.5	56.5	58.4	61.1	63.3	64.4	65.1	65.5	65.7	65.9	66.6	66.7	68.2
≥ 2000		49.6	53.7	56.1	60.6	62.6	65.4	67.9	69.1	70.0	70.4	70.6	70.8	71.5	71.7	73.2
≥ 1800		50.7	54.7	57.3	61.9	63.9	66.9	69.4	70.6	71.6	72.1	72.3	72.5	73.2	73.4	74.9
≥ 1500		52.5	56.8	59.5	64.3	66.4	69.7	72.2	73.6	74.6	75.2	75.3	75.5	76.3	76.4	77.9
≥ 1200		54.2	58.7	61.6	66.9	69.4	72.7	75.4	76.8	77.8	78.4	78.6	78.8	79.6	79.7	81.2
≥ 1000		55.7	60.5	63.7	69.5	72.1	75.5	78.2	79.7	80.8	81.5	81.7	81.9	82.7	82.8	84.3
≥ 900		56.2	61.1	64.5	70.5	73.3	77.0	79.8	81.4	82.5	83.2	83.4	83.7	84.5	84.7	86.2
≥ 800		56.7	61.8	65.2	71.4	74.3	78.2	81.2	82.8	84.0	84.8	85.0	85.4	86.2	86.3	87.8
≥ 700		57.1	62.3	65.8	72.3	75.3	79.4	82.4	84.1	85.4	86.2	86.4	86.8	87.6	87.7	89.2
≥ 600		57.6	62.8	66.4	73.3	76.6	80.8	84.0	85.9	87.3	88.1	88.4	88.7	89.5	89.7	91.2
≥ 500		57.9	63.3	67.0	74.1	77.6	82.1	85.4	87.5	88.9	89.8	90.1	90.5	91.4	91.6	93.1
≥ 400		58.0	63.5	67.2	74.6	78.2	83.0	86.5	88.7	90.4	91.4	91.7	92.2	93.1	93.3	94.9
≥ 300		58.0	63.6	67.3	74.9	78.6	83.4	87.0	89.4	91.1	92.3	92.7	93.2	94.3	94.5	96.1
≥ 200		58.0	63.6	67.3	75.0	78.7	83.5	87.3	89.9	91.7	93.2	93.6	94.2	95.4	95.7	97.6
≥ 100		58.0	63.6	67.3	75.0	78.7	83.5	87.5	90.1	92.1	93.6	94.1	94.9	96.5	96.8	99.6
≥ 0		58.0	63.6	67.3	75.0	78.7	83.5	87.5	90.1	92.1	93.7	94.2	95.0	96.6	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5002

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.8	16.1	16.4	17.9	18.7	20.8	22.0	22.6	23.1	23.1	23.3	23.8	23.9	24.1	25.7
≥ 20000		15.1	17.4	17.7	19.7	20.7	23.0	24.3	24.9	25.6	25.6	25.9	26.4	26.7	26.9	29.0
≥ 18000		15.1	17.4	17.7	19.7	20.7	23.0	24.3	24.9	25.6	25.6	25.9	26.4	26.7	26.9	29.0
≥ 16000		15.1	17.4	17.7	19.7	20.7	23.0	24.3	24.9	25.6	25.6	25.9	26.4	26.7	26.9	29.0
≥ 14000		15.4	17.7	18.0	20.0	21.0	23.3	24.6	25.2	25.9	25.9	26.2	26.7	27.0	27.2	29.3
≥ 12000		16.1	18.5	19.0	21.1	22.3	24.6	25.9	26.6	27.2	27.2	27.5	28.0	28.4	28.5	30.7
≥ 10000		16.7	19.2	19.7	22.3	23.6	25.9	27.2	27.9	28.5	28.5	28.9	29.3	29.7	29.8	32.0
≥ 9000		17.0	19.5	20.0	22.8	24.3	26.6	28.0	28.7	29.3	29.3	29.7	30.2	30.5	30.7	33.1
≥ 8000		17.9	20.3	20.8	23.8	25.2	27.5	29.0	29.7	30.3	30.3	30.7	31.1	31.5	31.6	34.6
≥ 7000		18.4	20.8	21.3	24.4	25.9	28.2	29.7	30.3	31.0	31.0	31.3	31.8	32.1	32.3	35.2
≥ 6000		18.7	21.3	21.8	25.1	26.6	28.9	30.5	31.1	31.8	31.8	32.1	32.6	33.0	33.1	36.2
≥ 5000		21.0	24.1	24.8	28.0	29.5	31.8	33.6	34.3	34.9	34.9	35.2	35.7	36.1	36.2	39.3
≥ 4500		22.0	25.1	25.7	29.2	31.0	33.4	35.4	36.1	36.9	37.0	37.4	37.9	38.2	38.4	41.5
≥ 4000		24.4	27.9	28.5	32.0	33.9	36.4	38.4	39.0	39.8	40.0	40.3	40.8	41.1	41.3	44.4
≥ 3500		26.4	30.2	30.8	34.6	36.6	39.0	41.1	42.1	43.0	43.1	43.4	43.9	44.3	44.4	47.5
≥ 3000		30.0	33.9	34.6	39.2	41.8	44.4	46.6	47.9	48.9	49.0	49.3	49.8	50.2	50.3	53.4
≥ 2500		32.3	36.4	37.2	42.5	45.2	48.0	50.7	52.0	53.0	53.1	53.4	54.1	54.4	54.6	57.7
≥ 2000		35.9	40.5	41.3	47.0	50.2	53.1	55.9	57.2	58.2	58.4	58.7	59.3	60.0	60.2	63.4
≥ 1800		37.9	43.1	44.4	50.3	53.4	56.4	59.2	60.5	61.5	61.6	62.0	62.6	63.3	63.4	66.7
≥ 1500		40.5	45.9	47.2	53.3	56.7	60.0	63.1	64.4	65.6	65.7	66.1	66.7	67.4	67.5	70.8
≥ 1200		43.8	49.8	51.1	57.7	61.1	64.4	67.7	69.2	70.7	70.8	71.1	71.8	72.5	72.6	75.9
≥ 1000		45.4	51.5	52.8	59.5	63.0	66.4	69.8	71.3	72.8	73.0	73.3	74.1	74.8	74.9	78.4
≥ 900		45.9	52.1	53.4	60.3	64.1	68.0	71.5	73.0	74.4	74.6	74.9	75.7	76.4	76.6	80.0
≥ 800		46.6	52.8	54.1	61.1	65.1	69.5	73.1	74.6	76.1	76.2	76.6	77.4	78.0	78.2	81.6
≥ 700		46.7	53.3	54.6	61.8	66.2	70.8	74.8	76.4	78.0	78.2	78.5	79.3	80.0	80.2	83.6
≥ 600		47.9	54.8	56.2	64.1	68.5	73.4	77.5	79.2	80.8	81.1	81.5	82.3	83.0	83.1	86.6
≥ 500		47.9	55.1	56.7	65.1	69.5	74.6	78.9	81.1	83.1	83.4	83.8	84.6	85.2	85.4	88.9
≥ 400		47.9	55.1	56.7	65.2	70.0	75.1	79.8	82.6	85.1	85.6	86.1	86.9	87.7	87.9	91.3
≥ 300		47.9	55.1	56.7	65.7	70.5	75.6	80.5	83.6	86.4	87.2	87.7	88.5	89.3	89.5	93.0
≥ 200		47.9	55.1	56.7	65.9	70.7	75.7	80.7	83.8	86.6	87.9	88.5	89.3	90.3	90.5	93.9
≥ 100		47.9	55.1	56.7	65.9	70.7	75.9	80.8	84.3	87.0	89.0	89.7	90.7	92.0	92.3	96.6
≥ 0		47.9	55.1	56.7	65.9	70.7	75.9	80.8	84.3	87.0	89.0	89.7	90.7	92.0	92.5	100.0

TOTAL NUMBER OF OBSERVATIONS 610

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		11.8	13.7	14.7	16.1	16.6	19.0	19.8	19.8	19.8	19.8	19.8	20.1	21.2	21.2	22.9
≥ 20000		13.4	15.2	16.3	18.4	18.9	21.4	22.4	22.4	22.4	22.4	22.4	22.7	24.0	24.0	25.7
≥ 18000		13.7	15.5	16.6	18.7	19.2	21.7	22.7	22.7	22.7	22.7	22.7	23.0	24.3	24.3	26.0
≥ 16000		13.7	15.5	16.6	18.7	19.2	21.7	22.7	22.7	22.7	22.7	22.7	23.0	24.3	24.3	26.0
≥ 14000		13.8	15.7	16.7	18.9	19.4	21.8	22.9	22.9	22.9	22.9	22.9	23.2	24.4	24.4	26.1
≥ 12000		14.7	16.6	17.7	19.8	20.3	22.7	23.8	24.0	24.0	24.0	24.0	24.3	25.5	25.5	27.2
≥ 10000		14.9	16.7	17.8	20.0	20.4	22.9	24.0	24.1	24.1	24.1	24.3	24.6	25.8	25.8	27.5
≥ 9000		15.2	17.1	18.3	20.6	21.0	23.8	24.9	25.0	25.0	25.2	25.3	25.7	26.9	26.9	28.7
≥ 8000		15.8	18.0	19.2	21.7	22.1	24.9	26.0	26.1	26.1	26.4	26.7	27.0	28.4	28.4	30.3
≥ 7000		16.7	18.9	20.3	22.7	23.2	26.0	27.0	27.2	27.3	27.6	28.0	28.3	29.6	29.6	31.5
≥ 6000		17.4	19.5	20.9	23.3	23.8	26.6	28.3	28.4	28.6	28.9	29.2	29.5	30.9	30.9	32.7
≥ 5000		20.1	22.4	24.3	27.2	27.6	30.4	32.1	32.3	32.4	32.7	33.0	33.3	34.7	34.7	36.6
≥ 4500		22.7	25.5	27.3	30.3	30.7	33.5	35.2	35.3	35.5	35.8	36.1	36.4	37.8	37.8	39.6
≥ 4000		25.5	28.4	30.3	33.5	33.9	36.7	38.4	38.6	38.9	39.2	39.5	39.8	41.2	41.2	43.0
≥ 3500		26.7	30.0	31.8	35.2	35.6	38.4	40.2	40.4	40.9	41.2	41.5	41.8	43.2	43.2	45.0
≥ 3000		30.4	33.8	35.6	39.8	40.7	43.5	45.3	45.5	46.2	46.7	47.0	47.3	48.7	48.7	50.5
≥ 2500		33.2	36.6	38.9	43.3	44.2	47.3	49.3	49.8	50.5	51.0	51.3	51.6	53.0	53.0	54.8
≥ 2000		37.8	42.2	44.9	49.9	51.0	54.4	56.4	57.0	57.8	58.2	58.5	58.8	60.2	60.2	62.1
≥ 1800		38.4	43.2	45.8	51.6	52.7	56.1	58.1	58.7	59.4	59.9	60.2	60.5	61.9	61.9	63.9
≥ 1500		40.6	45.6	48.4	55.0	56.1	59.8	61.8	62.5	63.3	63.9	64.2	64.5	65.9	65.9	67.9
≥ 1200		44.9	49.9	52.8	59.6	60.7	64.4	66.4	67.3	68.2	68.8	69.1	69.4	70.8	70.8	72.8
≥ 1000		46.9	52.2	55.3	62.5	63.9	68.0	70.0	71.6	72.7	73.3	73.6	73.9	75.3	75.3	77.3
≥ 900		47.5	53.5	56.5	64.1	65.9	71.1	73.4	75.0	76.0	76.7	77.0	77.3	78.6	78.6	80.6
≥ 800		49.0	55.1	58.2	65.7	68.4	74.0	76.3	77.9	79.0	79.6	79.9	80.2	81.6	81.6	83.6
≥ 700		49.6	55.9	59.1	66.7	69.3	75.9	78.2	79.9	81.0	82.0	82.3	82.6	84.0	84.0	86.0
≥ 600		50.1	56.8	60.1	68.0	70.7	77.3	79.6	81.4	82.6	83.7	84.0	84.3	85.7	85.7	87.7
≥ 500		50.2	57.0	60.2	68.8	71.4	78.0	80.3	82.5	83.9	84.9	85.3	85.6	86.9	86.9	88.9
≥ 400		50.4	57.1	60.4	69.0	71.6	78.3	81.0	83.1	85.3	86.5	86.8	87.1	88.5	88.5	90.5
≥ 300		50.4	57.1	60.4	69.0	71.6	78.6	81.6	83.9	86.3	87.9	88.2	88.5	89.9	89.9	91.9
≥ 200		50.4	57.1	60.4	69.0	71.6	78.8	81.7	84.3	87.1	88.9	89.2	89.6	90.9	90.9	93.1
≥ 100		50.4	57.1	60.4	69.0	71.6	78.8	81.7	84.5	87.7	89.6	89.9	90.6	92.5	92.5	95.9
0		50.4	57.1	60.4	69.0	71.6	78.8	81.7	84.5	88.0	89.9	90.2	91.1	92.9	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.6	15.2	16.1	17.3	17.9	18.9	19.5	19.8	19.8	20.1	20.2	20.5	21.6	21.6	22.5
≥ 20000		15.1	17.0	17.9	19.2	19.8	20.8	21.4	21.7	21.7	22.0	22.2	22.5	23.5	23.5	24.4
≥ 18000		15.2	17.1	18.0	19.4	19.9	21.0	21.6	21.9	21.9	22.2	22.3	22.6	23.6	23.6	24.5
≥ 16000		15.2	17.1	18.0	19.4	19.9	21.0	21.6	21.9	21.9	22.2	22.3	22.6	23.6	23.6	24.5
≥ 14000		15.4	17.3	18.2	19.5	20.1	21.1	21.7	22.0	22.0	22.3	22.5	22.7	23.8	23.8	24.7
≥ 12000		15.5	17.4	18.3	19.8	20.4	21.4	22.0	22.3	22.3	22.6	22.7	23.0	24.1	24.1	25.0
≥ 10000		15.8	17.7	18.6	20.1	20.7	21.7	22.3	22.7	22.7	23.0	23.3	23.6	24.7	24.7	25.6
≥ 9000		16.1	18.0	18.9	20.4	21.0	22.0	22.6	23.0	23.0	23.3	23.6	23.9	25.0	25.0	25.8
≥ 8000		17.4	19.4	20.4	21.9	22.5	23.5	24.1	24.5	24.5	24.8	25.1	25.4	26.4	26.4	27.5
≥ 7000		18.2	20.4	21.9	23.3	23.9	25.0	25.6	26.0	26.1	26.6	27.0	27.3	28.4	28.4	29.4
≥ 6000		18.5	20.8	22.5	23.9	24.5	25.6	26.3	27.2	27.3	27.8	28.2	28.5	29.5	29.5	30.6
≥ 5000		21.1	23.8	25.6	27.0	27.6	28.8	29.8	30.7	30.9	31.5	31.9	32.2	33.2	33.2	34.3
≥ 4500		23.5	26.3	28.1	29.7	30.3	31.5	32.5	33.4	33.5	34.1	34.6	34.9	35.9	35.9	36.9
≥ 4000		25.4	28.5	30.3	32.5	33.1	34.4	35.6	36.5	36.6	37.2	37.7	38.0	39.0	39.0	40.2
≥ 3500		27.6	30.9	32.6	34.9	35.7	37.2	38.4	39.3	39.4	40.0	40.5	40.8	41.8	41.8	43.0
≥ 3000		31.2	34.4	36.3	38.8	40.0	41.5	42.7	43.6	44.0	44.8	45.3	45.6	46.7	46.7	47.9
≥ 2500		33.7	37.5	39.4	43.0	44.8	46.7	47.9	48.7	49.2	49.9	50.5	51.0	52.0	52.0	53.2
≥ 2000		37.5	41.8	44.3	48.2	50.5	52.4	53.9	54.9	55.4	56.3	56.9	57.5	58.5	58.5	59.7
≥ 1800		39.1	44.2	46.8	50.7	53.0	54.9	56.4	57.5	57.9	58.8	59.4	60.0	61.0	61.0	62.2
≥ 1500		41.7	47.1	50.1	54.9	57.6	60.1	61.7	62.8	63.4	64.4	65.1	65.9	66.9	66.9	68.1
≥ 1200		44.9	50.7	53.8	58.8	61.4	64.1	65.7	66.8	67.4	68.4	69.1	70.0	71.0	71.0	72.2
≥ 1000		46.5	52.6	55.7	61.2	64.4	67.4	69.1	70.3	71.0	72.1	72.8	73.7	74.7	74.7	75.9
≥ 900		47.3	53.5	57.0	63.4	66.9	70.6	72.5	73.9	74.6	75.6	76.4	77.3	78.3	78.3	79.5
≥ 800		47.9	54.9	58.6	65.4	69.3	73.1	75.2	76.5	77.3	78.3	79.0	79.9	80.9	81.2	82.4
≥ 700		48.4	55.7	59.4	66.3	70.2	74.2	76.2	77.5	78.3	79.3	80.1	80.9	82.0	82.3	83.5
≥ 600		48.7	56.4	60.3	67.8	71.8	76.1	78.1	79.6	80.4	81.4	82.1	83.2	84.3	84.6	85.8
≥ 500		48.7	56.4	60.3	68.2	72.4	76.7	78.7	80.5	81.5	82.7	83.5	84.6	86.0	86.3	87.4
≥ 400		48.7	56.4	60.4	68.5	72.8	77.4	79.6	81.7	82.7	84.2	84.9	86.1	87.4	87.7	88.9
≥ 300		48.7	56.4	60.4	68.5	73.0	77.5	80.1	82.3	83.8	85.2	86.0	87.1	88.6	88.9	90.3
≥ 200		48.7	56.4	60.4	68.5	73.3	77.8	80.5	83.0	84.8	86.9	88.2	89.7	91.4	91.9	93.6
≥ 100		48.7	56.4	60.4	68.5	73.3	77.8	80.5	83.0	84.8	87.0	88.3	90.0	93.2	93.6	96.2
≥ 0		48.7	56.4	60.4	68.5	73.3	77.8	80.5	83.0	84.8	87.0	88.3	90.3	93.6	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 677

USAF ETAC FORM 10E 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.5	13.6	14.1	15.6	16.8	17.1	17.5	17.6	18.1	18.7	18.7	18.8	19.2	19.2	20.7
≥ 20000		17.2	18.4	19.0	20.6	22.2	22.7	23.2	23.6	24.1	24.6	24.6	24.8	25.4	25.4	27.1
≥ 18000		17.3	18.5	19.1	20.7	22.3	22.9	23.3	23.8	24.2	24.8	24.8	24.9	25.5	25.5	27.3
≥ 16000		17.6	18.8	19.4	21.0	22.6	23.2	23.6	24.1	24.5	25.1	25.1	25.2	25.8	25.8	27.6
≥ 14000		17.8	19.0	19.5	21.1	22.7	23.3	23.8	24.2	24.6	25.2	25.2	25.4	25.9	25.9	27.7
≥ 12000		18.2	19.4	20.0	21.7	23.3	23.9	24.3	24.9	25.4	25.9	25.9	26.1	26.7	26.7	28.4
≥ 10000		19.5	20.7	21.3	23.0	24.6	25.2	25.7	26.4	27.0	27.6	27.6	27.7	28.3	28.3	30.0
≥ 9000		20.6	21.7	22.3	24.1	25.7	26.4	26.8	27.8	28.4	29.0	29.0	29.2	29.7	29.7	31.5
≥ 8000		20.6	21.7	22.3	24.2	25.9	26.7	27.1	28.1	28.7	29.4	29.4	29.6	30.2	30.2	32.1
≥ 7000		20.6	21.7	22.3	24.6	26.4	27.1	27.6	28.6	29.4	30.2	30.2	30.3	30.9	30.9	32.8
≥ 6000		21.3	22.4	23.0	25.5	27.3	28.0	28.4	29.6	30.5	31.5	31.5	31.6	32.2	32.2	34.1
≥ 5000		22.9	24.3	25.1	27.7	29.6	30.3	31.0	32.2	33.1	34.1	34.1	34.3	34.8	34.8	36.7
≥ 4500		24.1	25.8	26.5	29.3	31.3	32.4	33.2	34.4	35.3	36.3	36.3	36.4	37.0	37.0	38.9
≥ 4000		26.8	28.9	29.6	33.2	35.3	36.3	37.2	38.6	39.7	40.7	41.0	41.1	41.7	41.7	43.6
≥ 3500		28.3	30.8	31.5	35.7	37.8	38.8	39.7	41.5	42.6	43.7	44.2	44.3	44.9	44.9	46.8
≥ 3000		31.3	34.0	34.7	39.7	41.7	42.7	43.6	45.8	46.9	48.1	48.5	48.7	49.3	49.3	51.2
≥ 2500		33.7	36.7	37.9	43.3	45.6	46.6	47.7	49.9	51.0	52.3	52.8	52.9	53.6	53.6	55.5
≥ 2000		36.4	39.7	41.4	46.9	49.6	50.7	51.9	54.1	55.5	56.9	57.3	57.4	58.2	58.2	60.1
≥ 1800		37.9	41.4	43.1	49.0	51.9	53.2	54.7	57.0	58.5	59.9	60.3	60.6	61.4	61.4	63.3
≥ 1500		41.0	44.9	46.8	53.6	57.1	59.0	60.6	63.0	64.4	65.9	66.3	66.6	67.3	67.3	69.2
≥ 1200		43.4	47.8	49.9	57.9	62.0	64.4	66.5	69.0	70.4	71.9	72.3	72.6	73.3	73.3	75.2
≥ 1000		45.9	50.9	53.2	62.2	66.5	69.4	71.4	73.9	75.5	77.0	77.6	77.8	78.7	78.7	80.6
≥ 900		46.6	52.2	54.8	64.4	68.8	71.9	74.1	76.5	78.1	79.6	80.2	80.5	81.3	81.3	83.2
≥ 800		46.9	52.5	55.1	65.2	69.8	73.2	75.4	77.8	79.4	81.0	81.6	81.9	82.8	82.8	84.7
≥ 700		47.7	53.4	56.0	66.2	71.0	74.5	76.7	79.6	81.5	83.2	83.8	84.1	85.0	85.0	86.9
≥ 600		48.0	53.6	56.3	66.8	71.9	75.4	77.6	80.6	82.7	84.5	85.1	85.4	86.4	86.4	88.3
≥ 500		48.0	53.8	56.4	66.9	72.0	75.7	77.8	81.2	83.2	85.3	85.9	86.2	87.6	87.6	89.5
≥ 400		48.0	53.8	56.6	67.5	72.7	76.4	78.6	82.1	84.3	86.3	86.9	87.2	88.6	88.6	90.5
≥ 300		48.0	53.8	56.7	67.8	73.2	76.8	79.2	82.9	85.4	87.6	88.2	88.5	90.4	90.4	92.3
≥ 200		48.0	53.8	56.7	67.8	73.2	76.8	79.4	83.4	86.3	88.5	89.2	89.5	91.5	91.5	94.5
≥ 100		48.0	53.8	56.7	67.8	73.2	76.8	79.4	83.5	86.6	89.1	89.8	90.4	92.9	92.9	97.8
≥ 0		48.0	53.8	56.7	67.8	73.2	76.8	79.4	83.5	86.6	89.1	89.8	90.4	93.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 686

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-62,70-76 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		13.3	14.2	15.1	17.1	17.9	18.3	18.5	18.9	19.4	19.7	20.0	20.7	20.7	20.7	20.7
≥ 20000		20.7	22.4	23.2	25.6	26.8	27.4	27.7	28.2	28.6	28.9	29.4	30.4	30.4	30.4	30.8
≥ 18000		21.0	22.7	23.5	25.9	27.1	27.7	28.0	28.5	28.9	29.2	29.7	30.7	30.7	30.7	31.1
≥ 16000		21.0	22.7	23.5	25.9	27.1	27.7	28.0	28.5	28.9	29.2	29.7	30.7	30.7	30.7	31.1
≥ 14000		21.3	23.0	23.8	26.4	27.6	28.2	28.5	28.9	29.4	29.7	30.1	31.1	31.1	31.1	31.6
≥ 12000		22.1	23.7	24.7	27.7	28.9	29.5	30.0	30.4	30.8	31.1	31.6	32.6	32.6	32.6	33.1
≥ 10000		24.4	26.1	27.3	30.4	31.6	32.2	32.8	33.2	33.7	34.0	34.4	35.5	35.5	35.5	35.9
≥ 9000		25.3	27.0	28.2	31.3	32.5	33.1	33.7	34.3	34.7	35.0	35.5	36.5	36.5	36.5	37.0
≥ 8000		25.5	27.1	28.3	31.4	32.6	33.2	33.8	34.4	34.9	35.2	35.6	36.7	36.7	36.7	37.1
≥ 7000		25.5	27.1	28.3	31.6	32.9	33.5	34.1	34.7	35.2	35.5	35.9	37.0	37.0	37.0	37.4
≥ 6000		26.2	27.9	29.1	32.3	33.7	34.3	34.9	35.5	36.1	36.4	36.8	37.9	37.9	37.9	38.3
≥ 5000		27.9	30.3	31.7	35.6	37.1	37.7	38.3	39.5	40.1	40.4	40.8	42.0	42.0	42.0	42.5
≥ 4500		29.1	31.4	33.4	38.2	39.6	40.2	41.3	42.5	43.1	43.4	43.8	45.0	45.0	45.0	45.5
≥ 4000		31.0	33.5	35.5	40.4	41.9	42.6	43.7	45.0	45.6	45.9	46.3	47.5	47.5	47.5	48.0
≥ 3500		31.9	34.4	36.5	42.2	43.8	44.6	45.9	47.4	48.0	48.3	48.7	49.9	49.9	49.9	50.4
≥ 3000		32.8	35.3	37.4	43.5	45.2	46.3	47.7	49.3	49.9	50.2	50.8	52.0	52.0	52.0	52.6
≥ 2500		34.4	37.1	39.8	46.1	47.8	49.2	50.5	52.2	52.9	53.2	54.1	55.3	55.3	55.3	55.9
≥ 2000		38.2	41.9	44.7	51.4	53.2	54.5	55.9	57.8	58.9	59.2	60.1	61.3	61.3	61.3	61.8
≥ 1800		39.6	43.4	46.5	53.7	55.4	56.8	58.6	60.7	61.7	62.0	62.9	64.1	64.1	64.1	64.7
≥ 1500		43.4	47.5	50.7	58.9	61.0	62.9	64.7	66.8	67.8	68.1	69.0	70.2	70.3	70.3	70.9
≥ 1200		47.7	52.5	55.7	64.5	67.5	70.0	71.8	73.9	75.0	75.3	76.2	77.3	77.5	77.5	78.1
≥ 1000		50.1	55.7	59.3	69.2	72.9	75.6	77.3	79.4	80.5	80.8	81.7	82.9	83.0	83.0	83.6
≥ 900		51.3	57.2	61.0	70.9	74.8	77.5	79.4	81.7	83.2	83.5	84.4	85.5	85.7	85.7	86.3
≥ 800		51.7	57.8	61.5	71.7	75.6	78.5	80.5	82.7	84.4	84.6	85.5	86.7	86.9	86.9	87.5
≥ 700		52.0	58.3	62.0	72.3	76.5	79.4	81.4	83.6	85.2	85.5	86.4	87.6	87.8	87.8	88.4
≥ 600		52.3	58.7	62.4	72.9	77.5	80.5	82.6	84.8	86.4	86.7	87.6	89.0	89.1	89.1	89.9
≥ 500		52.5	59.2	62.9	73.8	78.4	81.4	83.8	86.4	88.4	88.7	89.6	90.9	91.2	91.2	92.0
≥ 400		52.5	59.2	62.9	74.2	79.0	82.4	85.4	88.4	90.6	91.2	92.1	93.4	93.7	93.7	94.5
≥ 300		52.5	59.2	62.9	74.2	79.0	82.6	85.5	88.5	90.9	91.7	92.7	94.0	94.8	94.8	95.5
≥ 200		52.5	59.2	62.9	74.2	79.0	82.6	85.8	88.8	91.7	92.7	94.0	95.4	96.4	96.4	97.6
≥ 100		52.5	59.2	62.9	74.2	79.0	82.6	85.8	88.8	91.7	92.8	94.5	95.8	97.0	97.0	98.8
≥ 0		52.5	59.2	62.9	74.2	79.0	82.6	85.8	88.8	91.7	92.8	94.5	95.8	97.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		9.3	11.2	11.8	13.3	13.4	15.6	17.1	17.6	17.8	17.9	18.1	18.5	18.8	18.8	19.2
≥ 20000		16.5	19.4	20.4	22.9	24.1	26.2	28.1	28.7	29.0	29.3	29.4	29.9	30.2	30.2	30.6
≥ 18000		16.6	19.5	20.6	23.0	24.2	26.4	28.3	28.9	29.2	29.4	29.6	30.0	30.3	30.3	30.8
≥ 16000		16.9	19.8	20.8	23.3	24.5	26.7	28.6	29.2	29.4	29.7	29.9	30.3	30.6	30.6	31.0
≥ 14000		17.2	20.1	21.1	23.8	24.9	27.1	29.0	29.6	29.9	30.2	30.3	30.8	31.0	31.0	31.5
≥ 12000		18.7	21.6	22.7	25.4	26.7	29.0	30.9	31.5	31.8	32.1	32.2	32.7	32.9	32.9	33.4
≥ 10000		20.6	23.5	24.8	27.4	28.9	31.2	33.1	33.8	34.4	34.7	34.8	35.3	35.6	35.6	36.0
≥ 9000		21.3	24.3	25.8	28.7	30.2	32.5	34.4	35.1	35.7	36.0	36.2	36.6	36.9	36.9	37.3
≥ 8000		21.9	25.1	26.5	29.4	30.9	33.2	35.1	35.9	36.4	36.7	36.9	37.3	37.6	37.6	38.0
≥ 7000		22.4	25.7	27.1	30.0	31.5	33.8	35.7	36.4	37.0	37.3	37.5	37.9	38.2	38.2	38.6
≥ 6000		22.7	25.9	27.4	30.3	31.8	34.1	36.0	36.7	37.3	37.6	37.8	38.2	38.5	38.5	38.9
≥ 5000		25.7	29.0	30.5	34.0	35.4	37.9	40.2	41.0	41.5	41.8	42.0	42.4	42.7	42.7	43.1
≥ 4500		27.3	30.8	32.2	35.7	37.8	40.2	42.9	44.0	44.8	45.0	45.2	45.6	45.9	45.9	46.4
≥ 4000		28.9	32.7	34.1	38.0	40.5	43.0	45.9	47.1	47.8	48.1	48.3	48.7	49.0	49.0	49.4
≥ 3500		30.5	34.7	36.2	40.2	42.7	45.5	48.4	49.9	50.6	50.9	51.0	51.6	51.9	51.9	52.3
≥ 3000		33.1	37.6	39.1	43.7	46.2	49.1	52.2	53.6	54.4	54.8	55.0	55.7	56.0	56.0	56.4
≥ 2500		36.0	41.0	42.9	48.0	50.6	53.6	56.7	58.2	58.9	59.3	59.5	60.2	60.5	60.5	60.9
≥ 2000		39.2	44.5	46.6	52.0	54.8	58.0	61.1	62.7	63.4	63.8	64.4	65.2	65.5	65.5	65.9
≥ 1800		40.1	45.5	48.0	53.4	56.3	59.5	62.5	64.1	65.0	65.6	66.2	66.9	67.2	67.2	67.6
≥ 1500		42.7	48.3	51.0	57.4	61.1	64.7	68.1	70.0	70.8	71.4	72.0	72.7	73.0	73.0	73.5
≥ 1200		45.3	51.6	55.0	61.7	66.5	70.6	73.9	75.8	76.8	77.4	78.0	78.7	79.0	79.0	79.4
≥ 1000		47.2	54.1	57.7	65.7	71.3	75.9	79.4	81.3	82.5	83.2	83.8	84.5	84.8	84.8	85.3
≥ 900		47.7	54.8	58.5	66.5	72.2	76.8	80.3	82.2	83.4	84.4	85.0	85.7	86.0	86.0	86.4
≥ 800		47.7	55.0	58.7	66.8	72.7	77.7	81.2	83.1	84.3	85.3	85.9	86.6	86.9	86.9	87.3
≥ 700		48.4	55.8	59.8	67.9	74.2	79.3	82.8	85.0	86.2	87.2	87.8	88.5	88.9	88.9	89.4
≥ 600		48.5	56.1	60.1	69.0	75.4	80.8	84.8	87.0	88.2	89.2	89.8	90.5	91.1	91.1	91.5
≥ 500		49.0	56.7	60.6	69.8	76.4	82.2	86.4	89.2	90.7	91.8	92.4	93.1	93.9	93.9	94.3
≥ 400		49.1	56.9	60.8	70.0	76.7	82.5	87.0	89.8	91.3	92.4	93.0	93.7	94.5	94.5	94.9
≥ 300		49.1	56.9	60.8	70.0	76.7	82.7	87.2	90.2	91.8	93.1	93.7	94.5	95.3	95.3	95.9
≥ 200		49.1	56.9	60.8	70.0	76.7	82.7	87.2	90.2	92.1	93.7	94.5	95.5	96.4	96.4	97.1
≥ 100		49.1	56.9	60.8	70.0	76.7	82.7	87.2	90.2	92.1	93.7	94.5	95.5	96.5	96.5	98.3
≥ 0		49.1	56.9	60.8	70.0	76.7	82.7	87.2	90.2	92.1	93.7	94.5	95.5	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 686

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		14.2	15.2	16.2	18.1	19.5	21.7	22.7	23.7	24.3	24.5	24.7	25.4	26.0	26.0	27.2
≥ 20000		17.2	19.1	20.9	23.5	24.9	27.8	29.0	30.2	31.0	31.2	31.4	32.0	32.7	32.7	34.1
≥ 18000		17.2	19.1	20.9	23.5	24.9	27.8	29.0	30.2	31.0	31.2	31.4	32.0	32.7	32.7	34.1
≥ 16000		17.4	19.3	21.5	24.1	25.6	28.4	29.6	30.8	31.6	31.8	32.0	32.7	33.3	33.3	34.7
≥ 14000		17.8	19.7	21.9	24.5	26.0	28.8	30.0	31.2	32.0	32.3	32.5	33.1	33.7	33.7	35.1
≥ 12000		18.1	19.9	22.3	25.2	27.0	29.8	31.0	32.3	33.1	33.3	33.5	34.1	34.7	34.7	36.1
≥ 10000		18.9	20.9	23.5	26.4	28.2	31.0	32.3	33.7	34.5	34.7	34.9	35.5	36.1	36.1	37.5
≥ 9000		19.5	21.5	24.3	27.2	29.0	31.8	33.1	34.5	35.3	35.5	35.7	36.3	36.9	36.9	38.3
≥ 8000		21.3	23.3	26.4	29.2	31.0	33.9	35.1	36.5	37.3	37.5	37.7	38.3	38.9	38.9	40.4
≥ 7000		21.5	23.5	26.6	29.4	31.2	34.1	35.3	36.7	37.5	37.7	37.9	38.5	39.1	39.1	40.6
≥ 6000		22.3	24.3	27.6	30.6	32.7	35.5	36.7	38.1	38.9	39.1	39.4	40.0	40.6	40.6	42.0
≥ 5000		24.5	26.8	30.0	33.1	35.5	38.7	40.2	41.6	42.4	42.6	42.8	43.4	44.0	44.0	45.4
≥ 4500		25.6	27.8	31.0	34.1	37.3	40.6	42.2	43.8	44.8	45.0	45.2	45.8	46.5	46.5	47.9
≥ 4000		26.4	28.6	31.8	34.9	38.9	42.2	44.0	45.6	46.7	46.9	47.1	47.7	48.3	48.3	49.7
≥ 3500		28.4	30.6	33.9	37.3	41.4	44.8	46.9	48.9	49.9	50.1	50.3	50.9	51.5	51.5	52.9
≥ 3000		30.2	32.7	35.9	40.2	44.2	47.9	49.9	52.1	53.1	53.3	53.5	54.2	54.8	54.8	56.2
≥ 2500		32.9	35.5	38.9	43.6	47.7	51.5	53.8	56.2	57.2	57.4	57.6	58.2	58.8	58.8	60.2
≥ 2000		34.7	37.5	41.0	46.0	50.3	54.8	57.4	60.0	61.1	61.7	61.9	62.5	63.1	63.1	64.5
≥ 1800		37.1	40.4	44.0	49.1	53.5	58.0	60.6	63.7	64.7	65.3	65.5	66.1	66.7	66.7	68.2
≥ 1500		39.8	43.4	47.7	53.1	57.6	62.3	64.9	68.0	69.0	69.8	70.0	70.6	71.2	71.2	72.6
≥ 1200		42.2	46.7	51.5	57.6	63.1	67.7	70.4	73.4	74.4	75.3	75.5	76.1	76.9	76.9	78.3
≥ 1000		43.4	48.3	53.3	60.0	65.7	71.4	74.0	77.1	78.1	78.9	79.1	79.7	80.7	80.7	82.2
≥ 900		44.2	49.1	54.2	60.9	66.5	72.6	75.3	78.3	79.3	80.3	80.5	81.1	82.6	82.6	84.0
≥ 800		44.4	49.7	55.0	61.9	67.7	74.6	77.3	80.3	81.3	82.4	82.6	83.2	84.6	84.6	86.0
≥ 700		44.6	49.9	55.2	62.3	68.4	75.3	78.3	81.7	82.8	83.8	84.0	84.6	86.0	86.0	87.4
≥ 600		45.0	50.5	56.0	63.5	69.8	76.9	80.3	83.8	84.8	86.2	86.4	87.0	88.4	88.4	89.9
≥ 500		45.0	50.7	56.2	63.9	70.2	78.1	81.5	85.4	86.4	87.8	88.0	88.6	90.1	90.1	91.5
≥ 400		45.0	50.7	56.2	64.1	70.8	78.7	82.8	86.8	87.8	89.5	89.7	90.3	91.7	91.7	93.1
≥ 300		45.0	50.7	56.2	64.1	70.8	78.7	83.0	87.4	88.4	90.5	90.7	91.3	93.1	93.1	94.5
≥ 200		45.0	50.7	56.2	64.1	70.8	78.7	83.0	87.4	88.4	90.7	90.9	91.5	93.3	93.3	94.9
≥ 100		45.0	50.7	56.2	64.1	70.8	78.7	83.0	87.4	88.4	90.9	91.3	91.9	93.7	93.7	96.1
0		45.0	50.7	56.2	64.1	70.8	78.7	83.0	87.4	88.4	90.9	91.3	92.3	94.1	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 493

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,74-75 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		17.4	19.3	19.9	22.7	24.9	25.5	27.1	28.7	29.3	30.2	30.8	30.8	30.8	30.8	32.4
≥ 20000		18.7	21.5	23.4	26.8	29.3	30.2	32.1	33.6	34.3	35.2	35.8	35.8	37.1	37.1	38.6
≥ 18000		18.7	21.5	23.4	26.8	29.3	30.2	32.1	33.6	34.3	35.2	35.8	35.8	37.1	37.1	38.6
≥ 16000		18.7	21.5	23.7	27.1	29.6	30.5	32.4	34.0	34.6	35.5	36.1	36.1	37.4	37.4	38.9
≥ 14000		18.7	21.5	23.7	27.7	30.2	31.2	33.0	34.6	35.2	36.1	36.8	36.8	38.0	38.0	39.6
≥ 12000		18.7	21.5	23.7	27.7	30.2	31.2	33.0	34.6	35.2	36.1	36.8	36.8	38.0	38.0	39.6
≥ 10000		19.0	21.8	24.0	28.0	30.5	31.5	33.3	34.9	35.5	36.4	37.1	37.1	38.3	38.3	39.9
≥ 9000		19.0	21.8	24.0	28.0	30.5	31.5	33.3	34.9	35.5	36.4	37.1	37.1	38.3	38.3	39.9
≥ 8000		20.6	23.4	26.2	30.2	33.0	34.0	35.8	37.4	38.0	39.3	39.9	39.9	41.1	41.1	42.7
≥ 7000		21.8	24.6	27.4	32.7	35.5	36.4	38.3	39.9	40.5	41.7	42.4	42.4	43.6	43.6	45.2
≥ 6000		22.7	25.5	28.3	33.6	36.4	37.7	39.6	41.1	41.7	43.0	43.6	43.6	44.9	44.9	46.4
≥ 5000		23.4	26.8	29.6	34.9	37.7	39.3	41.4	43.0	43.6	44.9	45.5	45.5	46.7	46.7	48.3
≥ 4500		24.3	27.7	30.5	35.8	39.9	41.7	44.5	46.4	47.0	48.3	48.9	48.9	50.2	50.2	51.7
≥ 4000		24.6	28.0	30.8	36.1	40.2	42.1	44.9	46.7	47.4	48.6	49.2	49.2	50.5	50.5	52.0
≥ 3500		25.9	30.2	33.0	38.3	42.7	44.9	47.7	49.5	50.2	51.4	52.0	52.0	53.3	53.3	54.8
≥ 3000		28.7	33.0	35.8	41.4	46.4	48.9	51.7	53.6	54.2	55.5	56.1	56.1	57.3	57.3	58.9
≥ 2500		29.0	33.3	36.1	41.7	47.0	49.5	52.3	54.2	54.8	56.1	56.7	56.7	57.9	57.9	59.5
≥ 2000		31.2	35.8	38.6	44.2	49.8	52.3	55.1	57.0	57.6	58.9	59.5	59.5	60.7	60.7	62.3
≥ 1800		32.1	36.8	41.4	47.0	53.3	55.8	58.6	60.4	61.1	62.3	62.9	62.9	64.2	64.2	65.7
≥ 1500		32.7	39.6	44.2	50.2	57.3	60.4	63.6	65.4	66.0	67.3	67.9	67.9	69.2	69.2	70.7
≥ 1200		34.0	40.8	45.8	52.0	60.1	63.6	66.7	68.5	69.2	70.4	71.0	71.0	72.3	72.3	73.8
≥ 1000		34.0	40.8	46.1	52.6	61.4	65.4	68.5	70.7	71.3	72.6	73.2	73.2	74.8	74.8	76.3
≥ 900		34.3	41.1	46.4	53.0	61.7	65.7	68.8	71.0	71.7	72.9	73.5	73.5	75.1	75.1	76.6
≥ 800		34.6	41.4	46.7	53.6	62.9	67.3	70.4	72.6	73.2	74.5	75.1	75.1	76.6	76.6	78.2
≥ 700		34.9	41.7	47.7	55.1	64.5	69.2	72.3	74.5	75.1	76.3	76.9	76.9	78.8	78.8	80.4
≥ 600		34.9	42.1	48.3	56.4	66.4	71.3	74.5	76.6	77.3	78.5	79.1	79.1	81.6	81.6	83.2
≥ 500		35.2	42.4	48.6	56.7	66.7	71.7	74.8	77.9	78.5	79.8	80.4	80.4	82.9	82.9	84.4
≥ 400		35.2	42.4	48.9	57.3	68.2	74.5	77.6	81.0	81.9	83.2	83.8	83.8	86.3	86.3	87.9
≥ 300		35.2	42.4	48.9	57.3	68.5	74.8	78.2	81.6	82.9	84.1	84.7	84.7	87.2	87.2	88.8
≥ 200		35.2	42.4	48.9	57.3	68.5	74.8	78.5	82.2	83.8	86.0	86.6	86.6	89.4	89.4	91.0
≥ 100		35.2	42.4	48.9	57.3	68.5	74.8	78.5	82.6	84.1	86.3	86.9	86.9	90.0	90.0	93.8
≥ 0		35.2	42.4	48.9	57.3	68.5	74.8	78.5	82.6	84.1	86.3	86.9	86.9	90.0	90.0	100.0

TOTAL NUMBER OF OBSERVATIONS 321

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		12.9	14.4	15.2	16.8	17.6	19.1	19.9	20.4	20.7	21.0	21.2	21.6	22.0	22.1	23.1
≥ 20000		16.6	18.6	19.6	21.7	22.9	24.5	25.5	26.1	26.4	26.7	26.9	27.4	28.0	28.0	29.3
≥ 18000		16.7	18.7	19.7	21.9	23.0	24.6	25.7	26.2	26.6	26.9	27.1	27.5	28.2	28.2	29.4
≥ 16000		16.9	18.9	19.9	22.0	23.2	24.8	25.8	26.4	26.8	27.0	27.3	27.7	28.3	28.3	29.6
≥ 14000		17.1	19.1	20.1	22.4	23.5	25.1	26.1	26.7	27.1	27.4	27.6	28.0	28.6	28.7	29.9
≥ 12000		17.7	19.7	20.9	23.2	24.5	26.1	27.1	27.7	28.1	28.4	28.6	29.1	29.7	29.7	30.9
≥ 10000		18.7	20.8	22.0	24.4	25.7	27.3	28.4	29.1	29.5	29.8	30.1	30.5	31.1	31.2	32.4
≥ 9000		19.3	21.4	22.6	25.2	26.5	28.2	29.2	30.0	30.4	30.7	31.0	31.4	32.1	32.1	33.4
≥ 8000		20.1	22.2	23.5	26.2	27.5	29.2	30.3	31.0	31.4	31.8	32.1	32.5	33.2	33.2	34.6
≥ 7000		20.6	22.7	24.2	26.9	28.3	30.0	31.1	31.8	32.3	32.7	33.0	33.5	34.1	34.1	35.6
≥ 6000		21.1	23.3	24.8	27.7	29.0	30.7	31.9	32.8	33.3	33.8	34.1	34.5	35.1	35.2	36.6
≥ 5000		23.3	25.9	27.5	30.6	32.1	33.9	35.3	36.2	36.8	37.2	37.5	38.0	38.6	38.6	40.1
≥ 4500		24.9	27.6	29.3	32.6	34.3	36.2	37.9	38.9	39.5	40.0	40.3	40.7	41.4	41.4	42.8
≥ 4000		26.8	29.7	31.4	35.1	37.0	38.9	40.6	41.7	42.4	42.9	43.2	43.6	44.3	44.3	45.8
≥ 3500		28.4	31.6	33.3	37.3	39.3	41.3	43.1	44.4	45.1	45.6	46.0	46.4	47.1	47.1	48.6
≥ 3000		31.2	34.5	36.2	40.8	43.0	45.2	47.1	48.5	49.3	49.8	50.2	50.7	51.4	51.4	52.9
≥ 2500		33.5	37.1	39.1	44.1	46.6	49.0	50.9	52.4	53.2	53.8	54.2	54.8	55.5	55.5	57.0
≥ 2000		36.8	40.9	43.3	48.6	51.3	53.9	56.0	57.6	58.5	59.1	59.6	60.2	60.9	60.9	62.4
≥ 1800		38.2	42.7	45.3	50.9	53.7	56.3	58.5	60.2	61.1	61.8	62.3	62.9	63.6	63.6	65.1
≥ 1500		40.9	45.8	48.6	55.0	58.2	61.2	63.5	65.3	66.2	67.0	67.5	68.1	68.8	68.9	70.4
≥ 1200		44.0	49.4	52.4	59.3	63.0	66.3	68.7	70.6	71.6	72.3	72.9	73.5	74.2	74.3	75.8
≥ 1000		45.8	51.6	54.8	62.4	66.5	70.3	72.8	74.7	75.8	76.6	77.1	77.8	78.6	78.6	80.2
≥ 900		46.5	52.6	55.9	63.8	68.2	72.3	74.8	76.8	78.0	78.9	79.4	80.0	80.9	80.9	82.5
≥ 800		47.0	53.3	56.7	64.8	69.5	74.0	76.6	78.6	79.8	80.6	81.2	81.8	82.7	82.8	84.3
≥ 700		47.5	53.9	57.5	65.7	70.6	75.3	78.0	80.1	81.4	82.4	82.9	83.5	84.4	84.5	86.0
≥ 600		47.9	54.6	58.2	66.9	72.0	76.9	79.7	82.0	83.3	84.3	84.8	85.5	86.5	86.6	88.2
≥ 500		48.0	54.8	58.5	67.5	72.6	77.7	80.7	83.4	84.9	85.9	86.5	87.2	88.3	88.4	89.9
≥ 400		48.0	54.9	58.6	67.8	73.2	78.5	81.7	84.6	86.4	87.6	88.2	88.9	90.0	90.1	91.7
≥ 300		48.0	54.9	58.6	67.9	73.3	78.7	82.1	85.3	87.3	88.7	89.3	90.0	91.3	91.4	93.0
≥ 200		48.0	54.9	58.6	67.9	73.4	78.8	82.4	85.6	87.9	89.6	90.4	91.2	92.7	92.8	94.7
≥ 100		48.0	54.9	58.6	67.9	73.4	78.8	82.4	85.7	88.1	90.0	90.9	91.8	93.7	93.8	96.9
≥ 0		48.0	54.9	58.6	67.9	73.4	78.8	82.4	85.7	88.1	90.1	90.9	91.9	94.0	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 4795

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		16.2	17.5	18.4	19.5	20.0	20.7	21.1	21.3	21.5	21.6	21.7	21.8	21.9	22.0	22.5
≥ 20000		23.5	25.3	26.4	28.1	28.8	29.8	30.4	30.7	31.0	31.1	31.2	31.3	31.5	31.6	32.1
≥ 18000		23.6	25.4	26.5	28.2	28.9	29.8	30.5	30.8	31.0	31.2	31.3	31.4	31.6	31.7	32.2
≥ 16000		23.6	25.5	26.6	28.3	29.0	29.9	30.6	30.9	31.1	31.3	31.4	31.5	31.7	31.8	32.3
≥ 14000		24.2	26.1	27.2	28.9	29.6	30.6	31.2	31.5	31.8	32.0	32.0	32.2	32.4	32.4	33.0
≥ 12000		25.5	27.5	28.7	30.5	31.3	32.2	32.9	33.2	33.5	33.7	33.8	33.9	34.1	34.2	34.7
≥ 10000		27.6	29.8	31.1	33.1	33.9	35.0	35.7	36.1	36.4	36.6	36.6	36.8	37.0	37.0	37.6
≥ 9000		28.6	30.9	32.3	34.4	35.3	36.3	37.1	37.5	37.8	38.0	38.1	38.2	38.4	38.5	39.1
≥ 8000		30.0	32.4	33.9	36.2	37.1	38.2	39.0	39.4	39.7	40.0	40.1	40.2	40.4	40.5	41.1
≥ 7000		30.7	33.2	34.8	37.1	38.1	39.3	40.1	40.5	40.8	41.1	41.1	41.3	41.5	41.6	42.1
≥ 6000		32.5	35.2	36.8	39.3	40.3	41.6	42.5	42.9	43.2	43.5	43.6	43.7	43.9	44.0	44.6
≥ 5000		36.4	39.4	41.2	44.1	45.2	46.6	47.6	48.1	48.5	48.8	48.8	49.0	49.2	49.3	49.9
≥ 4500		39.0	42.3	44.2	47.3	48.5	50.0	51.1	51.7	52.1	52.4	52.5	52.6	52.9	52.9	53.5
≥ 4000		41.2	44.6	46.6	49.9	51.2	52.8	53.9	54.5	54.9	55.2	55.3	55.5	55.7	55.8	56.4
≥ 3500		43.8	47.4	49.5	53.0	54.4	56.1	57.3	58.0	58.5	58.8	58.9	59.0	59.3	59.3	59.9
≥ 3000		47.1	50.9	53.1	56.9	58.3	60.2	61.5	62.2	62.7	63.0	63.1	63.3	63.5	63.6	64.2
≥ 2500		50.8	54.9	57.3	61.3	62.8	64.8	66.2	67.0	67.5	67.8	67.9	68.1	68.4	68.4	69.1
≥ 2000		54.4	58.8	61.3	65.7	67.3	69.4	71.0	71.8	72.3	72.7	72.8	73.0	73.2	73.3	73.9
≥ 1800		55.8	60.3	63.0	67.5	69.2	71.4	72.9	73.8	74.3	74.7	74.8	75.0	75.3	75.3	76.0
≥ 1500		58.1	63.0	65.8	70.6	72.4	74.7	76.4	77.3	77.9	78.3	78.4	78.6	78.8	78.9	79.5
≥ 1200		60.5	65.7	68.7	74.0	76.0	78.4	80.2	81.2	81.8	82.2	82.3	82.5	82.8	82.9	83.5
≥ 1000		62.0	67.6	70.8	76.5	78.6	81.3	83.2	84.2	84.8	85.3	85.4	85.6	85.9	86.0	86.6
≥ 900		62.6	68.3	71.6	77.5	79.8	82.6	84.6	85.6	86.3	86.8	86.9	87.1	87.4	87.5	88.1
≥ 800		63.2	69.1	72.4	78.7	81.0	84.0	86.1	87.2	87.9	88.4	88.5	88.7	89.0	89.1	89.8
≥ 700		63.7	69.7	73.2	79.7	82.2	85.3	87.6	88.7	89.5	90.0	90.1	90.4	90.7	90.7	91.4
≥ 600		64.1	70.2	73.8	80.7	83.3	86.7	89.1	90.4	91.2	91.7	91.9	92.1	92.4	92.5	93.2
≥ 500		64.3	70.5	74.2	81.3	84.1	87.7	90.3	91.7	92.6	93.3	93.4	93.7	94.0	94.1	94.7
≥ 400		64.4	70.7	74.3	81.7	84.6	88.3	91.2	92.7	93.8	94.5	94.7	94.9	95.3	95.4	96.0
≥ 300		64.4	70.7	74.4	81.9	84.8	88.6	91.7	93.4	94.6	95.4	95.7	96.0	96.4	96.5	97.2
≥ 200		64.4	70.7	74.4	81.9	84.9	88.7	91.9	93.7	95.1	96.0	96.3	96.7	97.2	97.3	98.1
≥ 100		64.4	70.7	74.4	81.9	84.9	88.8	91.9	93.9	95.2	96.2	96.6	97.0	97.8	98.0	99.2
≥ 0		64.4	70.7	74.4	81.9	84.9	88.8	91.9	93.9	95.2	96.3	96.6	97.1	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 59687

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10
SCATTERED WAS CONVERTED TO 3/10
BROKEN WAS CONVERTED TO 9/10
OVERCAST WAS CONVERTED TO 10/10
OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	7.0	6.4		2.9	3.1	1.0	3.3		5.1	15.2	56.0	7.9	486
	03-05	5.7	4.8		3.7	3.5	1.3	3.1		3.7	13.8	60.5	8.1	544
	06-08	4.3	4.1		3.6	2.9	1.1	1.6		4.9	22.2	55.3	8.3	555
	09-11	1.2	6.1		2.3	2.5	1.1	2.3		3.9	34.6	46.0	8.4	561
	12-14	.7	4.4		3.3	2.8	1.1	1.5		5.9	34.3	40.1	8.6	545
	15-17	.2	4.8		2.8	2.6	1.8	3.0		4.4	39.7	40.7	8.5	541
	18-20	3.1	4.3		5.4	2.8	2.0	3.4		6.3	17.7	55.0	8.2	351
	21-23	5.8	6.4		2.9	1.7	2.9	.6		2.9	17.3	59.5	8.1	173
TOTALS		3.5	5.2		3.4	2.7	1.5	2.4		4.6	24.4	52.4	8.3	3756

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	10.7	6.9		3.8	5.5	1.7	3.6		4.5	14.7	48.8	7.3	422
	03-05	14.1	4.1		3.0	3.0	1.5	3.0		4.7	14.9	51.8	7.4	469
	06-08	3.8	9.3		3.0	2.5	1.3	3.4		5.5	20.4	50.7	7.9	471
	09-11	1.3	6.1		3.0	4.2	.8	4.0		5.3	30.0	45.4	8.3	474
	12-14	.6	1.9		2.7	5.5	3.2	4.8		8.8	34.2	38.2	8.4	476
	15-17	2.5	3.9		5.4	4.4	1.9	5.6		6.6	39.0	30.7	7.9	482
	18-20	2.6	7.1		7.5	4.5	3.4	4.1		7.5	22.6	40.6	7.6	266
	21-23	6.9	5.9		9.8	10.8	2.9	5.9		5.9	15.7	36.3	6.8	102
TOTALS		5.3	5.7		4.8	5.1	2.1	4.3		6.1	23.9	42.8	7.7	3162

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 STATION | FAIRFORD RAF UK STATION NAME | 70-76 PERIOD | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN *TENTHS OF* SKY COVER	TOTAL *NO. OF* OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	22.5	2.4		4.9	4.9	1.7	1.7		7.3	18.8	35.7	6.4	409
	03-05	16.3	6.6		5.0	6.0	2.0	3.6		3.0	17.9	39.6	6.6	502
	06-08	5.5	11.2		4.4	2.3	1.9	3.2		5.7	31.0	34.7	7.3	525
	09-11	6.4	8.1		4.9	1.3	2.4	4.3		6.0	32.9	33.6	7.5	532
	12-14	4.0	6.1		3.2	3.6	5.3	5.9		7.2	35.0	29.7	7.6	528
	15-17	4.1	5.5		3.9	6.0	5.3	7.4		6.4	29.4	32.0	7.5	513
	18-20	4.9	7.3		6.1	4.5	3.3	7.3		9.8	25.2	31.7	7.3	246
	21-23	16.8	9.2		9.2	5.9	.8	9.2		4.2	17.6	26.9	5.8	119
TOTALS		10.1	7.1		5.2	4.3	2.8	5.3		6.2	26.0	33.0	7.0	3374

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	21.1	5.5		5.3	3.9	1.1	2.5		4.7	18.0	38.0	6.4	361
	03-05	8.2	9.9		6.3	4.8	2.2	2.4		6.3	18.1	41.9	7.1	415
	06-08	3.6	7.5		5.2	5.4	2.4	1.2		5.6	29.4	39.5	7.7	496
	09-11	2.4	4.0		2.6	3.8	2.6	5.6		5.2	38.9	34.9	8.1	501
	12-14	1.8	3.7		3.1	3.7	3.7	6.5		10.6	39.5	27.4	8.0	489
	15-17	2.8	3.8		3.8	5.9	3.0	8.3		8.7	43.4	20.3	7.7	472
	18-20	4.1	9.0		5.0	5.4	.9	5.9		8.1	38.5	23.1	7.3	221
	21-23	14.0	9.9		8.7	2.9	4.7	2.9		7.6	17.4	32.0	6.3	172
TOTALS		7.3	6.7		5.0	4.5	2.6	4.4		7.1	30.4	32.1	7.3	3127

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	15.1	9.2		10.3	7.2	2.1	6.7		5.6	16.4	27.4	5.9	390
	03-05	7.2	11.5		6.7	4.5	3.4	5.4		8.5	22.0	30.8	6.7	445
	06-08	3.3	7.8		3.9	5.1	3.1	5.3		8.2	39.1	24.2	7.5	512
	09-11	2.1	5.8		3.7	3.1	3.7	6.4		9.7	44.0	21.4	7.7	514
	12-14	1.4	3.4		2.4	4.2	3.4	8.0		13.7	43.6	19.9	7.9	502
	15-17	.6	6.7		4.3	5.7	5.5	9.3		8.3	39.1	20.2	7.5	506
	18-20	1.1	9.7		8.6	7.1	6.3	4.5		11.2	33.5	18.2	6.9	269
	21-23	5.8	14.0		9.2	7.7	3.9	7.7		4.3	25.6	21.7	6.2	207
TOTALS		4.6	8.5		6.2	5.6	3.9	6.7		8.7	32.9	23.0	7.0	3345

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	16.4	15.1		9.4	6.2	3.7	5.0		3.9	14.4	26.0	5.4	438
	03-05	5.4	14.8		6.2	4.9	1.4	3.9		5.2	30.1	28.0	6.8	485
	06-08	7.0	10.5		4.6	6.8	2.4	3.8		8.3	30.2	26.4	6.9	503
	09-11	4.4	8.6		5.0	4.2	3.6	5.2		12.0	35.8	21.2	7.2	500
	12-14	1.4	7.1		4.8	7.9	4.2	8.3		11.7	35.7	19.0	7.3	496
	15-17	2.0	6.9		9.1	9.1	2.8	5.7		9.9	36.5	18.1	7.1	507
	18-20	5.7	11.7		6.0	6.4	2.6	3.5		11.7	31.9	20.2	6.7	282
	21-23	17.1	15.1		7.2	6.0	1.6	6.8		7.2	22.3	16.7	5.3	251
TOTALS		7.4	11.2		6.5	6.4	2.8	5.3		8.7	29.6	22.0	6.6	3462

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	12.5	8.4		10.7	5.3	2.8	3.5		8.6	21.1	27.1	6.3	431
	03-05	5.9	10.4		5.5	5.9	4.7	4.5		6.3	27.4	29.5	6.9	492
	06-08	4.0	9.1		8.1	5.3	3.4	3.8		6.8	35.1	24.5	7.1	530
	09-11	2.8	7.1		5.8	3.4	2.2	4.3		9.6	45.5	19.3	7.5	534
	12-14	3.0	4.0		4.6	6.1	4.4	4.6		13.9	44.6	14.9	7.5	525
	15-17	1.9	5.9		6.1	5.2	4.4	10.1		10.3	42.6	13.4	7.3	523
	18-20	1.5	9.5		8.0	6.8	6.1	7.2		6.8	41.3	12.9	6.9	264
	21-23	3.1	11.8		6.6	6.6	3.9	6.6		11.4	33.2	17.0	6.8	229
TOTALS		4.3	8.3		6.9	5.6	4.0	5.6		9.2	36.4	19.8	7.0	3528

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	27.5	9.8		8.0	5.2	2.3	4.8		4.5	15.5	22.5	5.0	440
	03-05	16.6	12.2		6.0	3.1	1.9	5.8		4.8	16.8	32.9	6.0	483
	06-08	7.5	11.8		3.6	3.9	1.0	4.3		6.3	34.9	26.6	7.0	507
	09-11	7.2	8.9		4.5	6.8	2.1	4.9		10.3	35.5	19.8	6.9	515
	12-14	3.6	7.1		5.5	6.3	4.8	8.7		9.9	38.4	15.6	7.1	505
	15-17	4.3	6.8		9.9	7.4	6.0	7.0		11.9	35.3	11.5	6.7	487
	18-20	3.5	15.5		10.6	9.9	3.5	4.9		4.9	34.3	12.7	6.1	283
	21-23	22.8	13.7		9.9	8.0	3.0	4.6		3.4	17.5	17.1	4.7	263
TOTALS		11.6	10.7		7.3	6.3	3.1	5.6		7.0	28.5	19.8	6.2	3483

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	21.1	9.8		4.3	5.9	.9	2.5		6.9	21.1	27.5	5.9	437
	03-05	14.7	12.6		3.3	5.0	1.9	3.9		5.8	21.1	31.6	6.3	484
	06-08	3.6	12.2		5.1	3.6	2.1	3.8		6.5	34.2	28.9	7.2	526
	09-11	3.5	7.8		3.3	4.1	4.3	5.0		11.3	37.7	22.9	7.4	538
	12-14	2.3	4.3		4.3	5.7	3.8	8.7		12.9	38.4	19.7	7.6	529
	15-17	3.1	7.1		5.0	6.1	4.0	4.4		8.3	43.6	18.4	7.4	521
	18-20	3.6	13.1		5.1	5.8	4.4	5.1		8.0	35.6	19.3	6.8	275
	21-23	12.2	10.1		8.9	3.8	1.7	8.0		10.1	21.5	23.6	6.2	237
TOTALS		8.0	9.7		4.9	5.0	2.9	5.2		8.7	31.7	24.0	6.9	3547

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	15.3	9.9		4.5	4.8	2.2	3.9		4.5	15.6	39.3	6.5	463
	03-05	14.8	7.2		5.4	4.0	2.4	2.4		4.4	15.6	43.9	6.8	501
	06-08	3.7	10.3		3.1	4.3	1.4	1.9		5.3	31.5	38.5	7.7	514
	09-11	2.5	7.9		4.8	2.7	1.5	3.6		5.6	37.9	33.5	7.8	522
	12-14	2.9	6.4		1.7	6.4	4.3	6.6		6.6	36.0	29.1	7.7	516
	15-17	2.9	9.2		3.4	5.2	3.1	4.6		6.3	39.6	25.8	7.5	523
	18-20	3.3	4.7		7.3	6.6	3.3	8.0		7.3	26.3	33.2	7.4	274
	21-23	8.8	3.8		7.6	6.7	3.8	6.7		6.7	16.4	39.5	7.1	238
TOTALS		6.8	7.4		4.7	5.1	2.8	4.7		5.8	27.4	35.4	7.3	3551

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 STATION | FAIRFORD RAF UK STATION NAME | 70-76 PERIOD | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	14.6	8.1		3.6	2.6	1.7	4.3		6.2	16.9	42.0	6.9	467
	03-05	13.7	10.3		4.1	3.0	.9	3.6		3.2	16.2	44.9	6.8	532
	06-08	6.8	11.0		4.8	4.9	2.3	2.9		5.1	24.1	38.0	7.1	526
	09-11	2.1	10.5		4.7	3.6	1.9	2.8		6.9	31.8	35.9	7.7	535
	12-14	.8	7.0		7.0	7.4	3.6	3.6		6.7	30.6	33.3	7.6	526
	15-17	2.3	10.7		5.1	5.1	3.2	5.1		5.8	34.1	28.7	7.3	533
	18-20	11.6	10.6		5.9	4.3	2.0	4.3		5.9	24.1	31.4	6.6	303
	21-23	6.3	10.5		2.1	3.2	5.3	1.1		5.3	22.1	44.2	7.5	95
TOTALS		7.3	9.8		4.7	4.3	2.6	3.5		5.6	25.0	37.3	7.2	3517

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	12.0	9.0		2.8	3.5	.8	3.3		4.5	13.3	50.9	7.2	399
	03-05	10.3	6.8		2.5	2.3	.7	2.5		3.9	16.4	54.7	7.7	439
	06-08	5.6	6.5		4.1	1.6	2.3	1.6		2.9	25.0	50.5	8.0	444
	09-11	.9	6.4		4.4	2.6	1.3	2.4		4.6	41.2	36.1	8.2	454
	12-14	1.6	4.6		6.7	2.3	2.8	3.9		3.0	40.1	35.0	8.1	434
	15-17	2.2	5.8		2.0	4.7	2.0	2.9		5.1	41.2	34.1	8.1	451
	18-20	6.7	5.5		3.5	3.9	2.4	6.3		4.7	24.3	42.7	7.7	255
	21-23	20.8	3.9		2.6	3.9	9.1			3.9	13.0	42.9	6.5	77
TOTALS		7.5	6.1		3.6	3.1	2.7	2.9		4.1	26.8	43.4	7.7	2953

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 70-76 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	3.5	5.2		3.4	2.7	1.5	2.4		4.6	24.4	52.4	8.3	3756
FEB		5.3	5.7		4.8	5.1	2.1	4.3		6.1	23.9	42.8	7.7	3162
MAR		10.1	7.1		5.2	4.3	2.8	5.3		6.2	26.0	33.0	7.0	3374
APR		7.3	6.7		5.0	4.5	2.6	4.4		7.1	30.4	32.1	7.3	3127
MAY		4.6	8.5		6.2	5.6	3.9	6.7		8.7	32.9	23.0	7.0	3345
JUN		7.4	11.2		6.5	6.4	2.8	5.3		8.7	29.6	22.0	6.6	3462
JUL		4.3	8.3		6.9	5.6	4.0	5.6		9.2	36.4	19.8	7.0	3528
AUG		11.6	10.7		7.3	6.3	3.1	5.6		7.0	28.5	19.8	6.2	3483
SEP		8.0	9.7		4.9	5.0	2.9	5.2		8.7	31.7	24.0	6.9	3547
OCT		6.8	7.4		4.7	5.1	2.8	4.7		5.8	27.4	35.4	7.3	3551
NOV		7.3	9.8		4.7	4.3	2.6	3.5		5.6	25.0	37.3	7.2	3517
DEC		7.5	6.1		3.6	3.1	2.7	2.9		4.1	26.8	43.4	7.7	2953
TOTALS		7.0	8.0		5.3	4.8	2.8	4.7		6.8	28.6	32.1	7.2	40805

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

74-29966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

15038 FAIRFORD RAF UK 58-64

STATION STATION NAME YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85							1.1	.5	.6				.2
≥ 80						1.7	4.3	2.7	1.7				.8
≥ 75					1.4	13.3	13.4	7.0	5.6	1.1			3.3
≥ 70				.5	10.3	32.8	36.0	25.8	19.4	4.3			10.3
≥ 65			.9	4.3	24.8	65.0	81.2	75.8	55.6	11.8			25.4
≥ 60		1.0	1.8	16.2	51.4	93.9	97.7	98.9	84.4	32.8	1.1		38.5
≥ 55	.5	6.1	17.5	50.5	87.9	99.4	100.0	100.0	98.9	73.7	13.9	3.2	53.1
≥ 50	12.6	31.3	46.5	83.8	99.5	100.0			100.0	96.2	52.8	17.7	69.2
≥ 45	34.4	52.5	68.2	94.3	100.0					100.0	84.4	46.2	81.0
≥ 40	60.9	71.2	90.3	99.5							96.7	67.7	90.2
≥ 35	81.9	90.4	99.5	100.0							100.0	86.6	96.4
≥ 30	94.0	99.0	100.0									99.5	99.3
≥ 25	98.6	100.0											99.8
≥ 20	100.0											100.0	100.0
≥													
≥													
≥												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

15038 FAIRFORD RAF UK 58-64

STATION STATION NAME YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 60						1.1	1.6	5.9	2.2				.9
≥ 55					1.9	14.4	34.9	30.1	13.3	3.2			7.7
≥ 50	.5	1.5		1.4	17.8	55.0	79.6	75.3	48.9	23.7	5.6	1.1	24.6
≥ 45	5.1	7.1	8.3	21.4	52.8	90.0	97.3	97.3	80.6	54.8	21.7	5.4	43.7
≥ 40	13.0	25.8	26.3	58.6	85.0	97.2	100.0	100.0	94.4	82.8	46.1	19.9	61.2
≥ 35	39.1	49.5	55.3	85.7	97.7	98.9			99.4	95.7	68.9	46.2	77.3
≥ 33	52.6	61.1	67.7	92.4	99.1	100.0			100.0	97.3	78.9	57.5	83.4
≥ 30	65.6	74.7	82.5	97.1	100.0					98.9	88.3	74.2	89.8
≥ 25	82.3	92.9	90.8	100.0						100.0	97.8	87.6	95.8
≥ 20	91.6	97.5	99.5								100.0	95.7	98.6
≥ 15	96.3	100.0	100.0									99.5	99.6
≥ 10	98.1											100.0	99.8
≥ 5	100.0												100.0
≥													
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MEAN	31.4	34.3	35.2	40.4	44.8	50.0	52.7	52.5	49.1	44.7	38.3	33.3	42.2
S. D.	8.308	7.000	6.659	5.198	4.993	4.491	3.867	4.346	5.305	5.811	6.870	7.373	9.543
TOTAL OBS.	215	198	217	210	214	180	186	186	180	186	180	186	2338

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

15038 FAIRFORD RAF UK 58-64

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 70						.6	2.2	1.6	.6				.4
≥ 65					.9	10.0	16.7	12.9	4.4	.5			3.6
≥ 60				.5	11.7	43.9	63.4	57.0	32.8	5.9			17.1
≥ 55		.5		6.7	32.7	88.3	97.8	96.2	72.8	28.5	1.1		33.8
≥ 50	2.3	5.1	7.8	39.0	76.2	98.9	100.0	100.0	96.1	68.3	17.8	4.8	50.0
≥ 45	14.4	27.8	39.2	75.7	98.1	100.0			100.0	93.5	42.2	18.8	66.6
≥ 40	38.1	52.0	64.1	94.8	100.0					99.5	81.7	46.2	80.7
≥ 35	66.5	73.2	88.0	99.5						100.0	96.7	74.2	91.2
≥ 30	83.7	93.4	99.1	100.0							99.4	86.6	96.7
≥ 25	94.4	98.5	100.0								100.0	98.4	99.2
≥ 20	96.7	100.0										99.5	99.7
≥ 15	99.1											100.0	99.9
≥ 10	100.0												100.0
≥													
≥													
≥													
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≥													
MEAN	36.6	39.6	41.9	47.7	53.0	59.0	60.9	60.3	57.4	51.6	44.1	38.4	49.2
S. D.	7.430	6.751	5.835	4.766	4.557	4.216	3.630	3.845	4.585	4.888	5.403	6.868	10.154
TOTAL OBS.	215	198	217	210	214	180	186	186	180	186	180	186	2338

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

15038 FAIRFORD RAF UK 58-64
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58	* 55	57	55	70	75	74	82	78	77	63	59	55	82
59	51	61	60	66	78	75	85	80	80	77	60	54	85
60	54	60	58	65	74	81	70	73	72	66	59	54	81
61	52	58	67	62	72	84	81	88	85	68	58	58	88
62	53	52	57	68	65	74	78	71	75	65	57	54	78
63	39	42	57	64	76	78	79	74	73	68	61	51	79
64	53	55	56	67#	74								
MEAN	50.3	55.0	58.6	66.0	73.3	77.7	79.2	77.3	77.0	67.8	59.0	54.3	82.2
S. D.	5.645	6.481	4.036	2.646	4.546	4.131	5.115	6.186	4.358	4.875	1.414	2.251	4.207
TOTAL OBS.	215	198	217	210	214	180	186	186	180	186	180	186	2338

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

15033 FAIRFORD RAF UK 58-64
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58	* 15	27	21	27	37	44	46	46	42	37	31	29	* 15
59	19	25	33	34	35	44	44	45	35	34	21	27	19
60	22	25	31	31	38	45	45	43	39	31	28	25	22
61	27	34	26	37	34	42	43	45	38	29	25	14	14
62	5	25	19	31	32	34	42	43	33	27	23	17	5
63	5	16	21	30	31	45	44	43	38	36	29	17	5
64	17	20	26	27#	36								
MEAN	15.8	24.6	25.3	31.0	34.5	42.3	44.0	44.2	37.5	32.3	26.2	21.5	13.0
S. D.	9.042	5.623	5.314	3.606	2.739	4.227	1.414	1.329	3.146	3.983	3.817	6.253	7.842
TOTAL OBS.	215	198	217	210	214	180	186	186	180	186	180	186	2330

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JAN MONTH

0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.1																1	1	1	
52/ 51	.3	.8	.1															9	9	4	3
50/ 49	.7	5.6	2.1	.3														66	66	17	13
48/ 47	.7	5.4	2.2	.3														65	65	52	28
46/ 45	1.6	6.0	.7															63	63	75	58
44/ 43	1.0	5.2	.1	.1														50	50	79	56
42/ 41	1.6	7.2	2.2															84	84	51	85
40/ 39	.8	5.0	1.2															53	53	59	47
38/ 37	2.0	8.4	.5															83	83	83	56
36/ 35	1.8	4.7																50	50	82	82
34/ 33	3.4	3.9	.4															59	59	62	81
32/ 31	2.6	2.8	.5															45	45	46	67
30/ 29	1.4	2.6	.8															37	37	33	39
28/ 27	2.1	1.2	.3															27	27	38	29
26/ 25	.9	.9																14	14	18	22
24/ 23	.4	.5																7	7	11	16
22/ 21	.9	1.4																18	18	10	20
20/ 19	.5	.5																8	8	14	11
18/ 17	.5	.5																8	8	10	12
16/ 15	.7																	5	5	7	7
14/ 13	.5																	4	4	4	7
12/ 11	.4																	3	3	3	14
10/ 9	.1																	1	1	1	4
8/ 7	.1																	1	2	1	2
6/ 5	.3																	2	2	2	1
4/ 3																					2
2/ 1																					1
TOTAL	25.3	62.9	11.1	.7														763	764	763	763

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6033995	67553	88.5	8.349	763							
Dry Bulb	1158834	29002	38.0	8.711	764		22.0					93
Wet Bulb	1083379	28043	36.8	8.316	763		24.1					93
Dew Point	988494	26588	34.8	9.020	763		31.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED-PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JAN MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.2																2	2		
52/ 51	.1	1.2	.2															13	13	5	3
50/ 49		4.8	1.1															48	48	17	10
48/ 47	.6	4.6	1.8	.2														60	60	54	25
46/ 45	.9	6.6	.7	.4														70	70	60	49
44/ 43	1.5	6.6	.2	.1														69	69	92	64
42/ 41	1.1	7.2	1.7															82	82	67	106
40/ 39	1.0	6.3	1.0															68	68	57	54
38/ 37	2.9	6.0	.1															74	74	91	72
36/ 35	2.0	5.1																58	58	69	67
34/ 33	4.4	3.9	.7															74	74	85	75
32/ 31	2.3	3.5	.4															51	52	57	86
30/ 29	2.1	3.3	.4															47	48	43	55
28/ 27	1.7	1.2																24	24	36	26
26/ 25	1.2	.5	.1															15	15	17	22
24/ 23	.9	1.1																16	16	12	28
22/ 21	.5	1.7																18	18	18	14
20/ 19	.1																	1	1	10	14
18/ 17	.6	.4																8	8	7	5
16/ 15	.5	.4																7	8	6	11
14/ 13	.2																	2	2	4	11
12/ 11	.5																	4	4	4	5
10/ 9	.4																	3	3	3	6
8/ 7	.4																	3	3	3	5
6/ 5	.4																	3	3	3	3
4/ 3																					1
2/ 1																					3
TOTAL	26.1	64.6	8.5	.7															823		820
																		820		820	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6581740	73164	89.2	8.099	820							
Dry Bulb	1221826	30888	37.5	8.725	823		23.2					93
Wet Bulb	1144070	29852	36.4	8.365	820		25.3					93
Dew Point	1049977	28401	34.6	8.997	820		33.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JAN MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.4	.1															4	4	1	
52/ 51		1.6	.4															16	16	6	2
50/ 49	.5	5.1	1.4															58	58	23	19
48/ 47	1.1	3.6	1.7	.1														54	54	57	37
46/ 45	2.2	5.4	1.1	.1														73	73	62	58
44/ 43	1.6	5.2	1.0	.2														66	66	75	49
42/ 41	1.7	7.2	1.4															86	86	66	78
40/ 39	1.6	4.7	.8															59	59	86	59
38/ 37	2.9	5.2	.4															70	70	74	93
36/ 35	1.1	7.1	.1															69	69	67	52
34/ 33	3.5	4.6	.4															70	70	90	82
32/ 31	3.1	5.1	.1															69	70	55	105
30/ 29	1.0	3.2	.2															37	37	51	41
28/ 27	.8	.8	.2															16	16	25	26
26/ 25	.2	.8	.1															10	10	14	25
24/ 23	1.8	1.4																27	27	24	17
22/ 21	.4	1.1																12	12	16	22
20/ 19	.2	.5																6	6	6	12
18/ 17	.4																	3	3	7	8
16/ 15	.6																	5	5	5	14
14/ 13	.5																	4	4	4	8
12/ 11	1.2																	10	10	10	5
10/ 9	.2																	2	2	2	4
8/ 7	.5																	4	4	4	8
6/ 5	.1																	1	1	1	4
4/ 3																					3
TOTAL	27.1	62.9	9.5	.5															832		831
																		831		831	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6651305	74047	89.1	8.012	831							
Dry Bulb	1244737	31335	37.7	8.816	832		23.1					93
Wet Bulb	1166792	30326	36.5	8.509	831		25.1					93
Dew Point	1070144	28836	34.7	9.152	831		33.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JAN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.6	.1															6	6		
52/ 51	.1	1.6	1.0															22	22	7	1
50/ 49	.4	4.0	2.0		.1													54	54	24	19
48/ 47	.8	5.8	2.6															77	77	66	31
46/ 45	1.0	6.7	2.4	.1														85	85	78	55
44/ 43	.7	5.9	1.7	.4														72	72	83	60
42/ 41	2.3	7.2	2.0															96	96	88	109
40/ 39	1.1	3.5	.8															45	45	63	71
38/ 37	1.8	6.7	.6	.1														77	77	72	72
36/ 35	1.3	6.8	.8															75	75	76	63
34/ 33	3.2	2.8	.6															55	55	79	86
32/ 31	1.3	3.4	.6	.2														46	47	53	63
30/ 29	.8	3.1	.1															34	34	35	51
28/ 27	.6	1.2																15	15	27	27
26/ 25	1.0	1.1	.2															19	19	20	26
24/ 23	.8	1.6																20	20	20	30
22/ 21	.7	.5																10	10	14	13
20/ 19	.7	.1																7	7	10	13
18/ 17	.1																	1	1	1	8
16/ 15	.6	.1																6	6	6	17
14/ 13	.4																	3	3	3	6
12/ 11	.6																	5	5	5	2
10/ 9	.2																	2	2	2	4
8/ 7	.2																	2	2	2	5
6/ 5																					2
TOTAL	20.9	62.5	15.7	.8	.1														835		834
																		834		834	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6418094	72788	87.3	8.865	834							
Dry Bulb	1316790	32402	38.8	8.442	835		19.0					93
Wet Bulb	1218735	31161	37.4	8.085	834		22.1					93
Dew Point	1099968	29410	35.3	8.687	834		29.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JAN (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57					.1													1	1		
56/ 55			.1	.1														2	2		
54/ 53		.4	.2	.4														8	8		
52/ 51		2.2	2.9	.1														43	43	8	
50/ 49	1.1	5.9	6.9	1.1	.1													125	125	44	33
48/ 47	.4	4.9	5.1	1.9	.1													102	102	82	37
46/ 45	.6	3.9	2.3	1.6														69	69	106	62
44/ 43	.7	6.1	2.2	1.6														87	87	85	73
42/ 41	1.0	4.9	2.4	.4														71	71	97	97
40/ 39	.7	2.1	2.1		.4													43	43	71	73
38/ 37	2.3	5.3	1.2	.1														74	74	84	79
36/ 35	.8	3.0	1.1	.1														42	42	56	72
34/ 33	1.1	3.0	1.2	.1														45	45	43	67
32/ 31	.6	2.5	1.1	.1														36	36	42	64
30/ 29	.5	1.8	.5															23	23	33	45
28/ 27	.7	.8	.7															19	19	26	25
26/ 25	.4	1.1	.1															13	13	11	21
24/ 23	.4	.6																8	8	21	23
22/ 21	.5																	4	4	6	9
20/ 19	.4	.1																4	4	4	12
18/ 17	.1																	1	1	1	19
16/ 15	.4																	3	3	3	8
14/ 13																					2
12/ 11	.1																	1	1	1	2
8/ 7																					1
TOTAL	12.7	48.7	30.2	7.6	.7														824		824
																		824		824	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5721635	68043	82.6	11.181	824							
Dry Bulb	1474406	34278	41.6	7.673	824		12.6					93
Wet Bulb	1322579	32471	39.4	7.229	824		16.7					93
Dew Point	1150223	30065	36.5	8.044	824		26.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JAN MONTH

1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57					.1													1	1		
54/ 53		.4	.5															7	7		
52/ 51		1.7	.9	.4														24	24	5	
50/ 49	.6	5.2	3.1	.4	.1													76	76	32	21
48/ 47	.6	5.3	4.9	.7	.6													99	99	63	29
46/ 45	.4	7.4	1.7	1.2														87	87	91	51
44/ 43	.6	6.1	3.3	1.6														95	95	102	66
42/ 41	1.2	7.0	3.3	.6														99	99	82	115
40/ 39	1.1	4.2	1.7		.1													58	58	96	77
38/ 37	1.3	4.5	1.8	.1	.1													65	65	80	75
36/ 35	.9	4.5	1.1															53	53	62	75
34/ 33	1.0	3.4	.4	.1														40	40	59	70
32/ 31	.7	1.5	1.1															27	27	39	66
30/ 29	.9	2.2	.9															32	32	32	49
28/ 27	.4	.9	.9															17	17	24	23
26/ 25	.2	1.2	.4															15	15	13	22
24/ 23	.2	.4																5	5	15	23
22/ 21	.4	.4																6	6	9	10
20/ 19	.5	.2																6	6	7	11
18/ 17	.1	.1																2	2	3	11
16/ 15		.1																1	1	1	13
14/ 13																					5
12/ 11																					3
TOTAL	11.2	56.7	25.9	5.2	1.1														815		815
																		815		815	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5746978	67894	83.3	10.575	815							
Dry Bulb	1408017	33359	40.9	7.233	815		12.7					93
Wet Bulb	1271184	31686	38.9	6.947	815		16.3					93
Dew Point	1112154	29416	36.1	7.871	815		26.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		1.1	.3															9	9	1	
50/ 49	.3	3.8	1.8															37	37	14	11
48/ 47	.6	5.1	2.4	.2														52	52	31	19
46/ 45	1.3	6.4	.6	.2														53	53	52	35
44/ 43	.8	7.8	1.1	.5														64	65	66	43
42/ 41	1.6	10.7	1.4	.2														87	87	68	75
40/ 39	1.3	3.3	2.1															42	42	74	63
38/ 37	1.4	5.9	1.9															58	58	50	59
36/ 35	1.6	6.4	.5															53	53	56	51
34/ 33	1.4	4.9	1.0	.2														47	47	58	44
32/ 31	1.3	2.5	.8															29	29	39	63
30/ 29	1.3	2.4	.2															24	24	32	46
28/ 27	1.3	2.5	.3															26	26	28	16
26/ 25	.5	1.3	.2															12	12	19	25
24/ 23	.6	.6																8	8	9	22
22/ 21	.2	1.1																8	8	5	10
20/ 19	.3	.5																5	5	11	13
18/ 17	.2	.3																3	3	3	3
16/ 15	.3	.2																3	3	3	8
14/ 13	.5																	3	3	4	11
12/ 11	.2																	1	1	1	5
10/ 9	.6																	4	4	4	2
8/ 7																					2
6/ 5																					2
TOTAL	17.3	66.9	14.5	1.1														628	629	628	628

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4770195	54473	86.7	8.489	628							
Dry Bulb	967998	24166	38.4	7.936	629		18.6					93
Wet Bulb	893801	23189	36.9	7.738	628		23.4					93
Dew Point	803261	21809	34.7	8.555	628		33.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15035 — STATION
FAIRFORD RAF UK — STATION NAME
61-63,70-71 — YEARS
JAN — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.2																1	1		
50/ 49		2.9	.2															14	14	5	2
48/ 47	.4	5.5	1.1															32	32	19	7
46/ 45	1.6	5.8	.7															36	36	37	29
44/ 43	.9	7.1	.2															37	37	42	28
42/ 41	3.8	6.9	.4															50	50	42	56
40/ 39	1.3	5.1	1.1															34	34	38	30
38/ 37	1.8	6.7	1.3															44	44	34	42
36/ 35	1.6	6.2	.7															38	38	39	32
34/ 33	1.6	4.4	.9															31	31	43	29
32/ 31	1.6	3.5																23	23	28	38
30/ 29	1.8	3.3	.2															24	24	23	34
28/ 27	2.2	3.8																27	27	31	19
26/ 25	.4	1.6																9	9	14	21
24/ 23	1.8	1.3	.4															16	16	17	24
22/ 21	1.1	.9																9	9	8	10
20/ 19	.4	1.6																9	9	13	11
18/ 17	.4	.2																3	3	4	6
16/ 15	1.3	.2																7	7	7	6
14/ 13	.4																	2	2	2	14
12/ 11	.4																	2	2	2	7
10/ 9																					2
8/ 7	.4																	2	2	2	1
6/ 5	.2																	1	1	1	
4/ 3																					2
2/ 1																					1
TOTAL	25.5	67.2	7.3															451	451	451	451

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3535565	39775	88.2	7.845	451							
Dry Bulb	627434	16356	36.3	8.726	451		27.6					93
Wet Bulb	588190	15828	35.1	8.525	451		31.3					93
Dew Point	532689	14911	33.1	9.393	451		40.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15033 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57					.0													2	2		
56/ 55			.0	.0														2	2		
54/ 53		.3	.1	.1														28	28	2	
52/ 51	.1	1.4	.8	.1														137	137	36	9
50/ 49	.5	4.8	2.5	.2	.1													478	478	176	128
48/ 47	.7	5.0	2.8	.5	.1													541	541	424	213
46/ 45	1.1	6.0	1.3	.5														536	536	561	397
44/ 43	1.0	6.2	1.3	.6														540	541	624	439
42/ 41	1.7	7.2	2.0	.2														655	655	561	721
40/ 39	1.1	4.2	1.3		.1													402	402	544	474
38/ 37	2.1	6.0	.9	.1	.0													545	545	568	548
36/ 35	1.4	5.4	.5	.0														438	438	507	494
34/ 33	2.5	3.8	.7	.1														421	421	519	534
32/ 31	1.7	3.1	.6	.1														326	329	359	552
30/ 29	1.2	2.7	.4															258	259	282	360
28/ 27	1.2	1.4	.3															171	171	235	191
26/ 25	.6	1.0	.2															107	107	126	184
24/ 23	.8	.9	.0															107	107	129	183
22/ 21	.6	.9																85	85	86	108
20/ 19	.4	.4																46	46	75	97
18/ 17	.3	.2																29	29	36	72
16/ 15	.5	.1																37	38	38	84
14/ 13	.3																	18	18	21	64
12/ 11	.4																	26	26	26	43
10/ 9	.2																	12	12	12	22
8/ 7	.2																	12	13	12	24
6/ 5	.1																	7	7	7	12
4/ 3																					8
2/ 1																					5
TOTAL	20.6	61.0	15.9	2.2	.3														5973		5966
																		5966		5966	

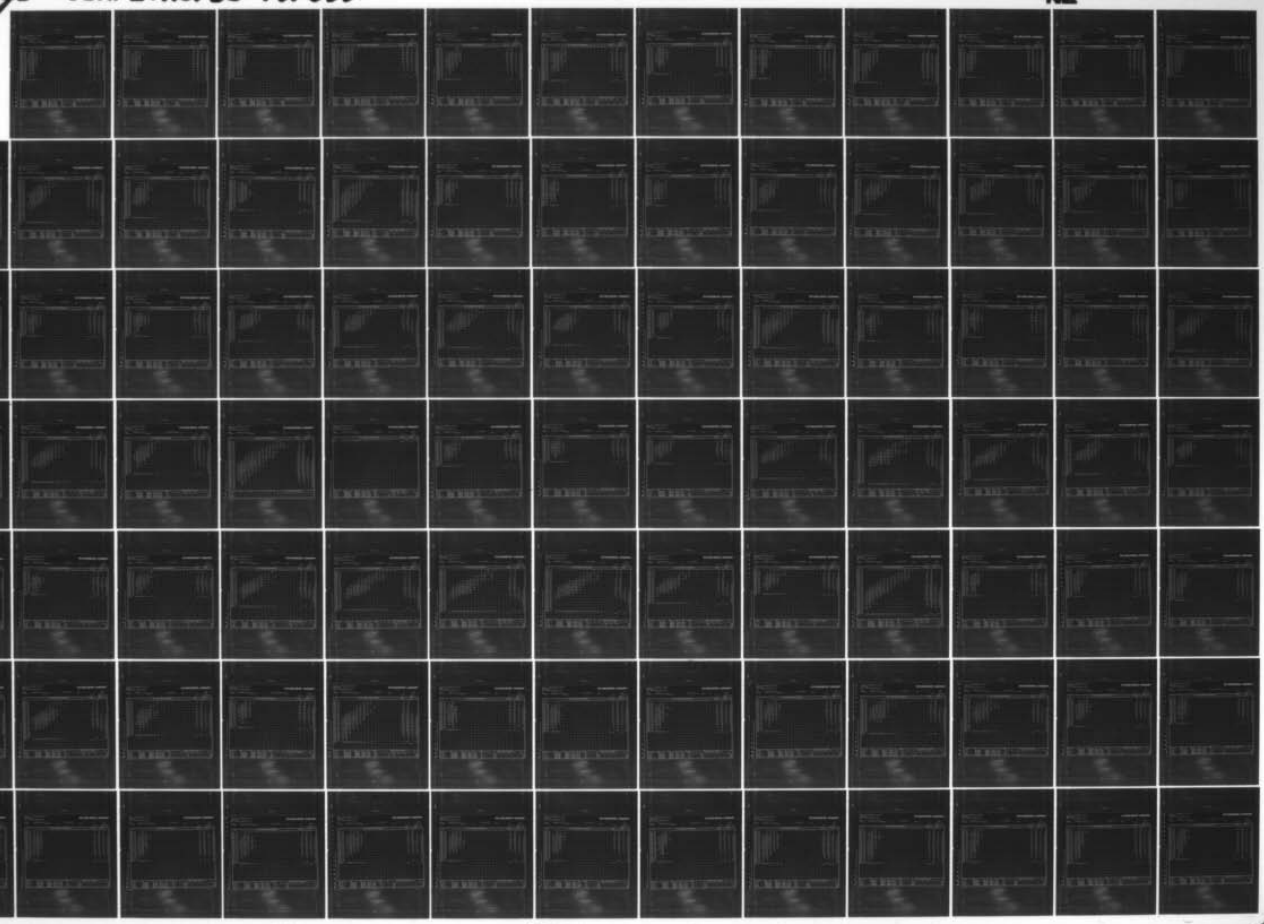
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	45459507	517737	86.8	9.423	5966							
Dry Bulb	9420042	231786	38.8	8.440	5973		155.3					744
Wet Bulb	8688730	222556	37.3	8.049	5966		180.1					744
Dew Point	7806910	209436	35.1	8.731	5966		250.5					744

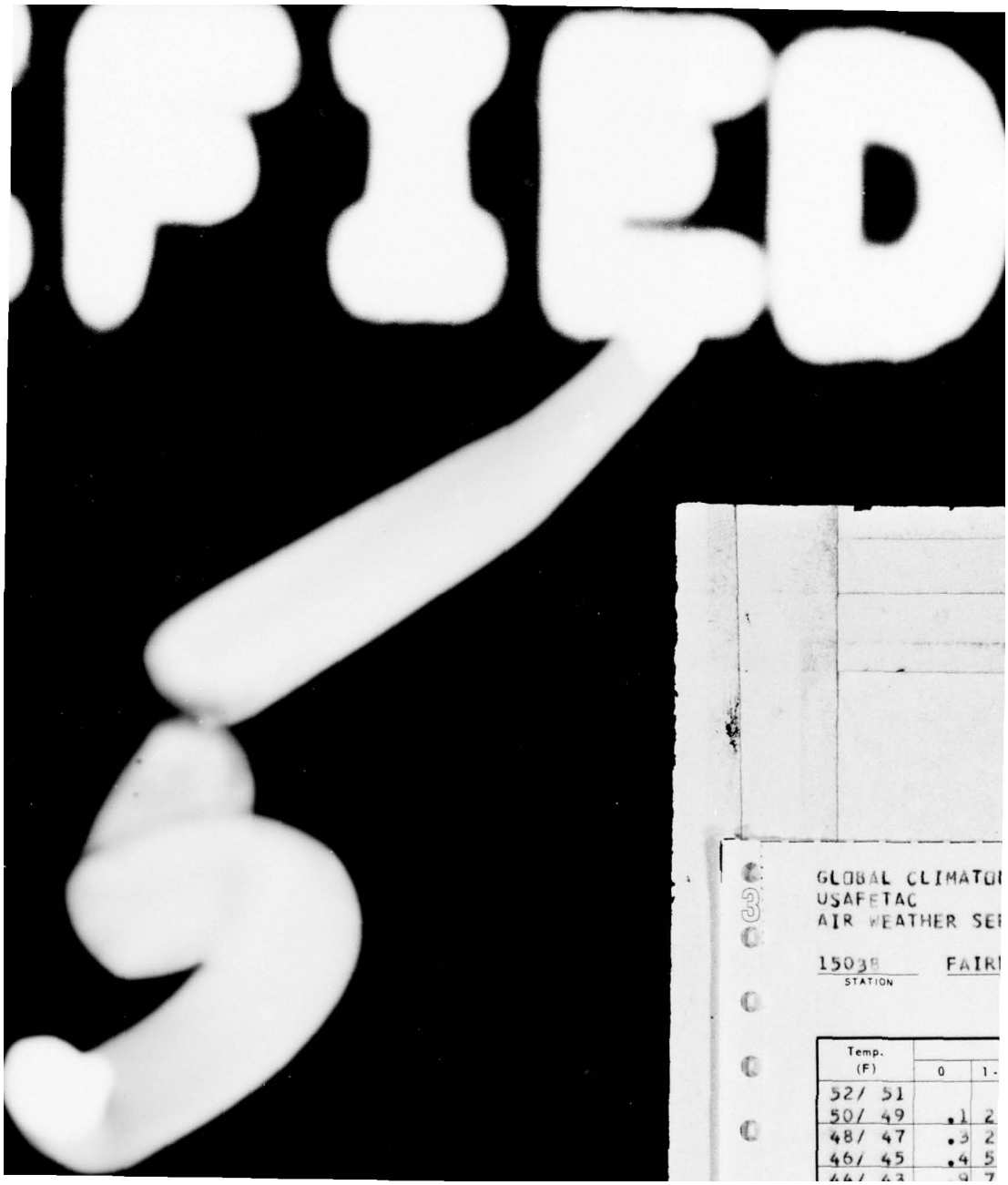
USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A078 349 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FAIRFORD RAF, SWINDON, UNITED KINGDOM. REVISED UNIFORM SUMMARY --ETC(U)
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4 OF 5
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GLOBAL CLIMATOL
USAFETAC
AIR WEATHER SE
15038
STATION
FAIR
Temp. (F)
0
1-
52/ 51
50/ 49
.1
2
48/ 47
.3
2
46/ 45
.4
5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | FEB MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.9	.3															8	8		
50/ 49	.1	2.8																20	20	13	5
48/ 47	.3	2.8	1.0															28	28	19	19
46/ 45	.4	5.2	.7															43	43	25	14
44/ 43	.9	7.4	1.5	.1														67	68	59	37
42/ 41	1.9	9.1	.3	.1														77	77	64	63
40/ 39	2.1	7.0	1.6															72	72	86	69
38/ 37	1.9	7.3	1.5															72	72	70	69
36/ 35	1.5	5.5	.7															52	52	70	58
34/ 33	2.4	5.5	1.9															66	66	64	69
32/ 31	4.0	7.6	.4															81	82	65	74
30/ 29	.9	3.1	.9															33	33	67	55
28/ 27	.3	1.9																15	15	19	43
26/ 25	.3	1.5																12	12	19	23
24/ 23		1.3																9	9	12	17
22/ 21	.7	.3																7	7	10	19
20/ 19	.1	1.2																9	9	7	20
18/ 17	.1																	1	1	3	8
16/ 15																					9
14/ 13																					1
TOTAL	18.2	70.5	11.0	.3														672	674	672	672

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5213543	58937	87.7	8.147	672							
Dry Bulb	976928	25266	37.5	6.653	674		20.9					84
Wet Bulb	906513	24289	36.1	6.529	672		25.2					84
Dew Point	817700	22924	34.1	7.293	672		33.6					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.1															1	1		
50/ 49		2.4	.8															23	23	9	3
48/ 47	.1	3.5	1.3	.1														36	36	16	10
46/ 45	.7	5.0	.3	.1														44	44	43	28
44/ 43	1.1	6.3	1.3															62	62	64	36
42/ 41	1.9	7.0	1.7															76	76	50	73
40/ 39	2.1	7.9	1.5															83	83	76	50
38/ 37	2.9	6.3	1.8															79	79	92	83
36/ 35	1.8	4.5	.3															47	47	60	75
34/ 33	2.8	4.5	1.9															66	66	74	57
32/ 31	4.0	5.6	1.1															77	77	67	72
30/ 29	1.8	5.1	.8															56	56	78	61
28/ 27	1.4	2.1																25	25	33	55
26/ 25	.7	.4																8	8	19	33
24/ 23	.3	2.1																17	17	14	22
22/ 21	.4	.8																9	9	9	27
20/ 19	.1	.6																5	5	9	13
18/ 17		.6																4	4	4	6
16/ 15	.1																	1	1	2	10
14/ 13																					5
TOTAL	22.4	64.4	12.9	.3															719		719
																		719		719	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5654574	63472	88.3	8.460	719							
Dry Bulb	1017061	26589	37.0	6.860	719		23.6					84
Wet Bulb	949654	25686	35.7	6.679	719		27.5					84
Dew Point	858305	24275	33.8	7.344	719		35.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | FEB MONTH

0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.1															1	1		
50/ 49	.3	2.4	.1															20	20	8	5
48/ 47	.4	5.4	1.0															49	49	23	14
46/ 45	.7	5.7	.8	.3														54	54	46	26
44/ 43	.7	3.6	1.2															40	40	59	45
42/ 41	1.8	6.9	1.2															72	72	40	57
40/ 39	2.2	6.6	2.1															79	79	88	58
38/ 37	2.6	9.1	1.1															93	93	87	76
36/ 35	.7	3.5	.7															35	35	64	68
34/ 33	2.8	5.8	1.4															72	72	70	55
32/ 31	4.3	4.8	1.8															79	79	66	98
30/ 29	1.8	5.1																50	51	58	49
28/ 27	1.9	2.4	.1															32	32	50	41
26/ 25	.8	.7																11	11	25	39
24/ 23	.4	1.1																11	11	9	23
22/ 21	.6	.6																8	8	11	32
20/ 19	.6	1.1																12	12	8	10
18/ 17	.3	.3																4	4	10	12
16/ 15																					11
14/ 13																					3
TOTAL	22.9	65.1	11.8	.3															723		722
																		722		722	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	566383	63643	88.1	8.684	722							
Dry Bulb	1021856	26702	36.9	7.031	723		24.2					84
Wet Bulb	952542	25756	35.7	6.841	722		27.6					84
Dew Point	860503	24321	33.7	7.563	722		37.0					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 41-63, 70-76 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.3	1.0	.3														11	11		
50/ 49	.3	4.1	1.8	.3	.1													48	48	12	4
48/ 47	.1	3.9	1.9	.4														46	46	39	17
46/ 45	1.1	4.7	1.2	1.0														58	58	63	40
44/ 43	1.2	5.5	2.8	1.4														79	79	56	51
42/ 41	2.3	8.3	4.1	.6														111	111	74	73
40/ 39	1.1	5.0	2.2	.3														62	62	93	57
38/ 37	1.7	5.7	1.2	.3														64	64	84	73
36/ 35	1.1	4.7	1.8	.3														57	57	59	77
34/ 33	2.3	3.6	2.1	.1														59	59	66	57
32/ 31	1.4	5.2	1.2															57	57	62	67
30/ 29	.4	3.2	.4															29	29	52	61
28/ 27	1.1	1.9	.1															23	23	30	39
26/ 25		1.0																7	7	15	31
24/ 23	.3	.3																4	4	9	29
22/ 21	.4	.6																7	7	7	18
20/ 19	.4																	3	3	4	17
18/ 17																					13
16/ 15																					1
TOTAL	15.3	57.8	21.9	4.8	.1														725		725
																		725		725	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5222099	61043	84.2	10.671	725							
Dry Bulb	1146591	28423	39.2	6.678	725		15.1					84
Wet Bulb	1040923	27071	37.3	6.449	725		20.7					84
Dew Point	910659	25137	34.7	7.350	725		32.0					84

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | FEB MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				.1														1	1		
56/ 55				.3														2	2		
54/ 53				1.0														7	7	1	
52/ 51	.3	1.8	2.2	.8	.6													41	41	5	2
50/ 49		3.9	6.9	2.1	1.0													100	100	29	11
48/ 47	.6	1.7	3.9	3.2	1.1													75	75	58	32
46/ 45	.7	5.2	3.7	3.9	.3													100	100	69	37
44/ 43	.6	4.1	2.6	2.2	.6													73	73	91	49
42/ 41	1.0	6.2	3.7	2.6	.1													99	99	98	83
40/ 39	.7	2.6	1.5	.7	.3													42	42	93	55
38/ 37	.6	2.9	3.0	1.1														55	55	74	84
36/ 35	.3	1.4	2.8	.4														35	35	52	60
34/ 33	1.0	2.6	1.7	.1														39	39	45	65
32/ 31	.6	2.8	1.4															34	34	51	66
30/ 29		1.1	.7															13	13	29	50
28/ 27		.6	.1															5	5	18	36
26/ 25	.1	.1																2	2	9	37
24/ 23		.1																1	1	1	20
22/ 21	.1																	1	1	2	18
20/ 19																					17
18/ 17																					3
TOTAL	6.3	37.1	34.2	18.5	3.9														725		725
																		725		725	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4389133	55607	76.7	13.093	725							
Dry Bulb	1347470	30932	42.7	6.192	725		6.5					84
Wet Bulb	1163001	28719	39.6	5.920	725		12.7					84
Dew Point	954213	25763	35.5	7.313	725		28.6					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | FEB MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				.1	.1													2	2		
56/ 55				.1	.3													3	3		
54/ 53			.4	.4	.1													7	7		
52/ 51	.1	1.9	2.0	.8	.3													38	38	3	1
50/ 49	.3	3.7	5.9	1.4	1.2													91	91	32	11
48/ 47	.1	3.7	4.5	2.6	.8													86	86	61	21
46/ 45	.4	5.2	2.7	3.4	.7	.1												92	92	82	48
44/ 43	.1	3.4	3.8	2.6	.8													79	79	83	53
42/ 41	.3	6.3	4.9	1.8	.5													101	101	75	83
40/ 39	.5	2.6	3.8	.8	.5													61	61	107	52
38/ 37		3.5	2.3	.5														47	47	68	77
36/ 35		1.8	1.5	.7														29	29	67	70
34/ 33	.4	2.7	2.7	.1														44	44	49	58
32/ 31	.5	1.6	1.5															27	27	45	61
30/ 29	.1	1.5	1.0															19	19	33	59
28/ 27		.1	.3															3	3	18	45
26/ 25	.1	.4																4	4	8	29
24/ 23																				2	30
22/ 21																					18
20/ 19																					12
18/ 17																					4
16/ 15																					1
TOTAL	3.1	38.5	37.4	15.4	5.5	.1												733	733	733	733

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4355218	55750	76.1	12.535	733							
Dry Bulb	1364834	31304	42.7	6.179	733		6.1					84
Wet Bulb	1173678	29004	39.6	5.962	733		12.1					84
Dew Point	957230	25940	35.4	7.322	733		29.7					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038	FAIRFORD RAF UK	61-63,70-76	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51	.2	1.2	.2															8	8	2	1
50/ 49		4.2	2.9															37	37	7	5
48/ 47		5.4	4.4	.4														53	53	27	13
46/ 45	.2	5.8	1.9	1.2	.2													48	48	57	26
44/ 43	.2	6.8	2.7	.6														53	53	43	39
42/ 41	.4	8.9	3.1	.6														67	67	55	52
40/ 39	.8	3.7	4.6	.2														48	48	70	47
38/ 37	.8	2.5	1.2	.2														24	24	43	56
36/ 35	.2	5.2	2.5	.6														44	44	31	30
34/ 33	1.0	5.2	2.9															47	47	52	30
32/ 31	1.0	3.3	2.3															34	34	43	61
30/ 29		4.2	1.4															29	29	27	42
28/ 27		2.7	.2															15	15	38	21
26/ 25		2.1																11	11	12	23
24/ 23																				11	26
22/ 21																					19
20/ 19																					21
18/ 17																					6
TOTAL	4.6	61.2	30.3	3.7	.2													518	518	518	518

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3502952	42298	81.7	9.740	518							
Dry Bulb	838771	20563	39.7	6.595	518		14.4					84
Wet Bulb	752706	19452	37.6	6.559	518		21.2					84
Dew Point	645132	17834	34.4	7.760	518		35.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-71,73 (YEARS) FEB (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.9	.3															4	4		
50/ 49	.3	2.3	.9															12	12	4	4
48/ 47		3.4	1.1	.3														17	17	10	7
46/ 45		7.1	.3	.3														27	27	21	3
44/ 43	.3	5.4	2.3	.6														30	30	26	17
42/ 41	.3	8.6	2.6															40	40	30	36
40/ 39	2.0	7.1	1.1															36	36	47	34
38/ 37	.3	3.7	1.7															20	21	28	35
36/ 35		4.6	2.3															24	24	19	18
34/ 33	.9	9.7	2.6															46	46	26	18
32/ 31	.6	5.1	1.1															24	24	44	28
30/ 29		4.9	2.6															26	27	27	39
28/ 27		5.4	.3															20	20	26	18
26/ 25		2.9																10	10	24	20
24/ 23		1.1																4	4	6	22
22/ 21	.3	1.7																7	7	5	20
20/ 19		.9																3	3	6	20
18/ 17																				1	5
16/ 15																					5
14/ 13																					1
TOTAL	4.9	74.9	19.1	1.1															352		350
																		350		350	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2449112	29124	83.2	8.575	350							
Dry Bulb	502348	13060	37.1	7.120	352		22.7					84
Wet Bulb	453707	12357	35.3	7.068	350		33.4					84
Dew Point	390587	11343	32.4	8.114	350		42.7					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) FEB (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				.0	.0													3	3		
56/ 55				.1	.0													5	5		
54/ 53			.1	.2	.0													14	14	1	
52/ 51	.1	.9	.9	.3	.1													112	112	10	4
50/ 49	.2	3.3	2.5	.5	.3													351	351	114	48
48/ 47	.2	3.7	2.4	.9	.3													390	390	253	133
46/ 45	.6	5.4	1.5	1.4	.2	.0												466	466	406	222
44/ 43	.7	5.2	2.3	1.0	.2													483	484	481	327
42/ 41	1.3	7.5	2.7	.8	.1													643	643	486	520
40/ 39	1.4	5.2	2.3	.3	.1													483	483	660	422
38/ 37	1.4	5.3	1.8	.3														454	455	546	553
36/ 35	.8	3.8	1.5	.3														323	323	422	456
34/ 33	1.8	4.6	2.1	.1														439	439	446	409
32/ 31	2.2	4.5	1.4															413	414	443	327
30/ 29	.7	3.4	.8															255	257	371	416
28/ 27	.7	1.9	.1															138	138	232	298
26/ 25	.3	1.0																65	65	131	235
24/ 23	.1	.8																46	46	64	189
22/ 21	.3	.4																39	39	44	171
20/ 19	.2	.4																32	32	34	130
18/ 17	.1	.1																9	9	18	57
16/ 15	.0																	1	1	2	37
14/ 13																					10
TOTAL	13.0	57.2	22.4	6.0	1.4	.0													5169		5164
																		5164		5164	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36451014	429874	83.2	11.361	5164							
Dry Bulb	8215859	202839	39.2	7.040	5169		130.1					672
Wet Bulb	7392724	192334	37.2	6.663	5164		174.2					672
Dew Point	6394329	177537	34.4	7.503	5164		269.4					672

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) MAR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.1															1	1		
50/ 49		3.3	1.2	.1														32	32	2	1
48/ 47		5.7	1.3															48	48	33	17
46/ 45	.4	4.4	.6															37	37	47	24
44/ 43	.9	7.4	1.3	.1														67	67	51	47
42/ 41	1.9	7.6	2.6															83	83	69	61
40/ 39	1.3	6.1	2.5															68	68	76	56
38/ 37	1.9	6.8	1.5		.1													71	71	76	85
36/ 35	1.3	4.9	.9	.3														51	51	67	51
34/ 33	2.6	7.3	1.0															76	76	76	60
32/ 31	2.9	3.9	.9															53	54	59	101
30/ 29	.4	4.5																34	34	39	36
28/ 27	1.2	3.2	.6															34	34	40	35
26/ 25	.4	2.5																20	20	29	29
24/ 23	.3	1.0																9	9	14	32
22/ 21	.1	.3																3	3	9	25
20/ 19																					11
18/ 17																					13
16/ 15																					3
TOTAL	15.9	69.0	14.4	.6	.1														688		687
																		687		687	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	521397	59555	86.7	8.619	687							
Dry Bulb	1017164	26064	37.9	6.582	688		20.6					93
Wet Bulb	940360	25034	36.4	6.404	687		25.7					93
Dew Point	839409	23495	34.2	7.233	687		38.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) MAR (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49		.8	.3															8	8	3	3
48/ 47	.1	4.1	2.1															49	49	16	7
46/ 45	.3	4.1	.4															37	37	43	20
44/ 43	1.0	6.4	1.0	.1														67	67	60	36
42/ 41	3.1	9.4	.5															101	101	86	99
40/ 39	1.8	7.7	1.4															85	85	81	74
38/ 37	2.2	6.0	.5															68	68	81	76
36/ 35	1.0	7.2	.9	.1														72	72	55	57
34/ 33	3.2	5.1	.8															71	71	100	69
32/ 31	2.6	4.9	.5															62	62	63	87
30/ 29	1.9	4.8	.3															54	54	65	59
28/ 27	1.3	3.5																37	37	41	46
26/ 25	1.0	2.6																28	28	38	29
24/ 23	1.3	2.2																27	27	23	47
22/ 21	.4	.3																5	5	14	36
20/ 19	.1	.6																6	6	8	13
18/ 17																					14
16/ 15																					5
TOTAL	21.	469.	8.6	.3														777	777		777
																		777		777	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6157593	68897	88.7	7.902	777							
Dry Bulb	1079921	28487	36.7	6.764	777		26.2					93
Wet Bulb	1010562	27550	35.5	6.592	777		30.2					93
Dew Point	916924	26090	33.6	7.258	777		40.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49	.3	1.5	.1															15	15	4	3
48/ 47	.4	4.3	2.1															54	54	22	13
46/ 45	.6	4.3	.5															43	43	38	26
44/ 43	1.0	4.8	1.5															58	58	65	31
42/ 41	2.5	8.9	.8															97	97	72	73
40/ 39	2.3	8.1	2.3	.1														102	102	110	82
38/ 37	2.4	6.3	.8															75	75	86	101
36/ 35	1.4	5.9	1.0															66	66	73	70
34/ 33	2.6	6.6	.8															80	80	81	72
32/ 31	2.9	6.3	.8															79	80	77	89
30/ 29	1.9	2.9	.1															39	39	66	52
28/ 27	1.5	2.0																28	28	26	63
26/ 25	1.4	2.5																31	31	35	33
24/ 23	.6	1.6																18	19	25	29
22/ 21	.4	.4																6	6	9	27
20/ 19	.5	.5																8	8	9	17
18/ 17																				1	12
16/ 15																					6
TOTAL	22.5	66.7	10.6	.1														799	801	799	799

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6299672	70652	88.4	8.090	799							
Dry Bulb	1132092	29636	37.0	6.671	801		24.5					93
Wet Bulb	1056046	28586	35.8	6.462	799		28.9					93
Dew Point	955869	27049	33.9	7.094	799		38.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAR MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59					.1													1	1		
56/ 55		.1	.1	.2	.1	.1												6	6		
54/ 53		.1	.4	1.0	.2													14	14	1	
52/ 51		1.2	2.0	1.2	.4													39	39	6	2
50/ 49	.1	2.2	3.9	1.6	.9													71	71	21	6
48/ 47	.2	3.8	4.6	2.0	.2													88	88	59	22
46/ 45		3.8	2.2	1.2	.1	.1												61	61	78	40
44/ 43	.4	5.5	3.7	2.0	.1													95	95	91	49
42/ 41	1.2	11.3	5.1	1.2	.4													156	156	96	105
40/ 39	1.0	4.1	2.6	1.5	.5													78	78	136	85
38/ 37		2.7	3.2	1.1														57	57	80	104
36/ 35	.5	3.2	2.3	.6														54	54	66	71
34/ 33	.9	2.1	2.5															44	44	63	89
32/ 31	.1	2.3	.9															27	27	61	49
30/ 29		.9	.1															8	8	32	40
28/ 27	.2	.9																9	9	12	46
26/ 25	.1	.1																2	2	8	35
24/ 23		.1																1	1		36
22/ 21																				1	19
20/ 19																					5
18/ 17																					1
16/ 15																					1
TOTAL	4.8	44.6	33.5	13.7	3.1	.2												811	811	811	811

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5109531	63573	78.4	12.479	811							
Dry Bulb	1473316	34230	42.2	5.938	811		5.4					93
Wet Bulb	1283933	31947	39.4	5.608	811		13.1					93
Dew Point	1069294	28932	35.7	6.773	811		27.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67								.1										1	1		
66/ 65						.2		.1										3	3		
64/ 63						.6	.1											6	6		
62/ 61				.1	.2		.1		.1									5	5		
60/ 59				.6	.5	.4	.1	.2										15	15		
58/ 57			.5	.5	1.1	.4	.4											23	23		
56/ 55			.6	1.7	.9	.9												33	33	5	
54/ 53		.2	2.0	2.5	1.5	.2												52	52	19	
52/ 51		.5	2.5	2.2	1.9	.7	.1											64	64	21	1
50/ 49	.1	2.6	4.3	4.5	4.0	.5												129	129	62	18
48/ 47		1.9	3.1	3.2	2.2													84	84	73	35
46/ 45		5.0	2.2	2.9	1.2	.5												95	95	94	60
44/ 43		3.3	1.4	3.2	2.2	.1												83	83	124	52
42/ 41		4.1	2.7	1.9	1.6	.2												85	85	103	88
40/ 39	.1	1.1	1.6	2.5	1.6													56	56	60	77
38/ 37	.4	1.4	1.4	1.4														36	36	79	90
36/ 35		.5	1.5	.2														18	18	55	61
34/ 33		.5	.5															8	8	45	67
32/ 31	.6	.5	.2															11	11	40	80
30/ 29																				7	38
28/ 27																					34
26/ 25																					42
24/ 23																					30
22/ 21																					18
20/ 19																					6
18/ 17																					7
16/ 15																					3
TOTAL	1.2	21.6	24.5	27.4	19.0	4.8	.9	.5	.1										807		807
																		807		807	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3893089	54731	67.8	14.994	807							
Dry Bulb	1795335	37721	46.7	6.318	807		1.3	.1				93
Wet Bulb	1448358	33888	42.0	5.604	807		5.4					93
Dew Point	1094084	29108	36.1	7.403	807		29.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | MAR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67								.3										2	2		
66/ 65							.6											5	5		
64/ 63						.1	.4		.1									5	5		
62/ 61				.1	.3	.5		.3	.1									10	10		
60/ 59			.1	.5	1.1	.1	.3	.3										19	19		
58/ 57			.1	.5	1.0	.4												16	16		
56/ 55			.9	1.5	1.4	.8	.1											37	37	2	
54/ 53			2.1	1.1	1.4	.5	.1											42	42	20	
52/ 51		.9	2.0	2.5	2.1	1.1	.1											70	70	29	2
50/ 49	.1	1.5	3.9	3.5	3.2	1.3												107	107	47	10
48/ 47	.1	2.1	3.0	3.5	2.1	.4												90	90	70	22
46/ 45		4.3	2.0	3.4	1.6	.1												91	91	90	57
44/ 43		3.4	2.7	2.8	1.5													82	82	117	55
42/ 41		3.3	3.3	1.4	2.7	.8												90	90	109	91
40/ 39		1.1	1.6	1.6	1.0													43	43	93	76
38/ 37	.1	2.0	1.5	1.5														41	41	59	73
36/ 35	.4	.8	1.5	.3														23	23	58	75
34/ 33	.6	.3	.3															9	9	50	83
32/ 31	.3	.5	.3															8	8	41	69
30/ 29		.1																1	1	5	46
28/ 27																				1	30
26/ 25																					26
24/ 23																					39
22/ 21																					15
20/ 19																					10
18/ 17																					2
16/ 15																					5
14/ 13																					5
TOTAL	1.6	20.4	25.4	24.4	19.5	6.1	1.6	.8	.3									791	791		791
																				791	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3717950	52832	66.8	15.477	791							
Dry Bulb	1766785	37019	46.8	6.588	791		1.1	.2				93
Wet Bulb	1411576	33120	41.9	5.604	791		5.5					93
Dew Point	1048446	28202	35.7	7.373	791		29.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAR MONTH

1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61						.2												1	1		
60/ 59			.2	.2	.4													4	4		
58/ 57				.4	.8		.4											8	8		
56/ 55			.8	.6	.2													8	8	1	
54/ 53			.8	.4	.6													9	9	3	
52/ 51		1.7	2.3	.4	.8	.2												28	28	10	1
50/ 49		3.6	4.4	1.7	1.3	.4												60	60	24	12
48/ 47		4.0	3.8	1.7														50	50	35	15
46/ 45		3.8	5.0	2.7	1.0													65	65	55	32
44/ 43	.2	4.0	5.0	1.3														55	55	52	35
42/ 41	.2	4.0	6.9	1.1	.4													66	66	67	50
40/ 39		1.7	5.0	1.3	.4													44	44	60	40
38/ 37	.4	3.4	2.1	1.5	.4													41	41	68	50
36/ 35	.2	2.5	2.5	2.1	.2													39	39	44	45
34/ 33	.2	1.0	2.1	.2														18	18	30	73
32/ 31	1.0	1.3	1.7	.2														22	22	37	47
30/ 29		1.0	.2															6	6	25	34
28/ 27																				13	18
26/ 25																					16
24/ 23																					17
22/ 21																					18
20/ 19																					14
18/ 17																					3
16/ 15																					3
14/ 13																					1
TOTAL	2.1	32.1	42.6	15.8	6.3	.8	.4											524	524		524
																				524	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2978677	38915	74.3	13.019	524							
Dry Bulb	1000830	22662	43.2	6.298	524		5.0					93
Wet Bulb	849490	20866	39.8	5.962	524		13.3					93
Dew Point	680991	18471	35.3	7.560	524		30.3					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70,74-76 YEARS | MAR MONTH

2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53				.3														1	1		
52/ 51		1.0		.3														5	5		
50/ 49	.3	4.8	.3	.3														22	22	10	3
48/ 47	.3	4.5	1.5															25	25	21	14
46/ 45		5.3	2.3															30	30	27	14
44/ 43	1.0	9.0	3.0															52	52	35	22
42/ 41	1.0	6.8	4.0	.3														48	48	45	41
40/ 39	.3	4.8	4.5	.3														39	39	34	40
38/ 37	.3	5.8	4.3	.3	.8													45	45	47	34
36/ 35	.3	4.0	2.5	.8														30	30	40	29
34/ 33	1.5	3.5	2.5	.3														31	31	31	39
32/ 31	.5	3.5	1.5															22	22	31	32
30/ 29	.3	4.8	1.8															27	27	38	24
28/ 27	.3	2.0	1.0															13	13	18	22
26/ 25	.5	1.5																8	8	17	26
24/ 23																				4	21
22/ 21																					17
20/ 19																					8
18/ 17																					9
16/ 15																					3
TOTAL	6.3	61.3	29.1	2.5	.8													398		398	
																			398		398

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2700635	32523	81.7	10.405	398							
Dry Bulb	626843	15593	39.2	6.335	398		16.4					93
Wet Bulb	564954	14776	37.1	6.424	398		25.2					93
Dew Point	482243	13495	33.9	7.883	398		37.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67								.1										3	3		
66/ 65						.0	.1	.0										8	8		
64/ 63						.1	.1		.0									11	11		
62/ 61				.0	.1	.1	.0	.0	.0									16	16		
60/ 59			.0	.2	.3	.1	.1	.1										39	39		
58/ 57			.1	.2	.4	.1	.1											47	47		
56/ 55		.0	.3	.6	.4	.3	.0											84	84	8	
54/ 53		.1	.7	.7	.5	.1	.0											118	118	43	
52/ 51		.6	1.2	.9	.7	.3	.0											207	207	66	6
50/ 49	.1	2.3	2.4	1.6	1.3	.3												444	444	173	56
48/ 47	.1	3.7	2.8	1.4	.7	.1												488	488	329	145
46/ 45	.2	4.3	1.8	1.3	.5	.1												459	459	472	273
44/ 43	.5	5.3	2.3	1.3	.6	.0												559	559	595	327
42/ 41	1.3	7.1	3.0	.8	.7	.1												726	726	647	608
40/ 39	.9	4.4	2.4	1.0	.5													515	515	670	530
38/ 37	1.0	4.2	1.7	.7	.1													434	434	576	613
36/ 35	.7	3.6	1.6	.5	.0													353	353	458	459
34/ 33	1.5	3.3	1.2	.0														337	337	476	552
32/ 31	1.4	2.9	.8	.0														284	286	409	554
30/ 29	.6	2.2	.2															169	169	277	335
28/ 27	.6	1.4	.1															121	121	151	294
26/ 25	.4	1.1																89	89	127	236
24/ 23	.3	.7																55	56	66	251
22/ 21	.1	.1																14	14	33	175
20/ 19	.1	.2																14	14	17	84
18/ 17																				1	61
16/ 15																					29
14/ 13																					6
TOTAL	9.9	47.5	22.5	11.2	6.6	1.7	.4	.2	.1									5594	5597	5594	5594

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36070844	441678	79.0	14.635	5594							
Dry Bulb	9892286	231412	41.3	7.614	5597		99.6	.4				744
Wet Bulb	8565279	215767	38.6	6.590	5594		143.8					744
Dew Point	7087260	194842	34.8	7.334	5594		269.3					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57			.2															1	1		
54/ 53		.5																3	3	2	
52/ 51		4.3	.3	.2														30	30	10	3
50/ 49	.6	8.4	3.2	.2														78	78	44	35
48/ 47	.3	6.0	2.7	.3														59	59	49	43
46/ 45	.8	12.5	.9	.2														91	91	71	45
44/ 43	.9	9.3	2.5	.2														82	82	101	68
42/ 41	1.3	10.9	1.3															85	85	73	90
40/ 39	1.3	5.1	2.2															54	54	87	65
38/ 37	.5	9.0	.5															63	63	52	64
36/ 35	.6	2.7	.9															27	27	67	63
34/ 33	.9	4.9	.2															38	38	31	65
32/ 31	.9	1.4																15	15	35	46
30/ 29	.2	.5																4	4	7	27
28/ 27		.2																1	1	1	11
26/ 25		.2																1	1	2	4
24/ 23																					3
TOTAL	8.4	75.8	14.9	.9															632		632
																		632		632	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4847260	55154	87.3	7.343	632							
Dry Bulb	1173006	27014	42.7	5.390	632		3.0					90
Wet Bulb	1086144	25984	41.1	5.317	632		6.4					90
Dew Point	991256	24756	39.2	5.843	632		13.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.1																1	1		
54/ 53		.4																3	3	3	
52/ 51	.1	2.5	.4															21	21	5	6
50/ 49	.7	6.4	.3															51	51	43	26
48/ 47	.7	6.7	.9															57	57	34	34
46/ 45	1.3	9.8	.9															82	82	74	40
44/ 43	1.8	10.7	1.0															92	92	104	75
42/ 41	2.0	11.2	2.8															110	110	77	106
40/ 39	1.9	7.2	1.6															73	73	90	66
38/ 37	2.6	6.4	.3															64	64	82	92
36/ 35	1.3	3.4	.4															35	35	55	61
34/ 33	2.3	4.2																45	45	43	57
32/ 31	1.3	2.9																29	29	45	51
30/ 29	.6	1.6																15	15	22	35
28/ 27	.4	.1																4	4	4	23
26/ 25	.1	.3																3	3	4	9
24/ 23																					3
22/ 21																					1
TOTAL	17.4	74.0	8.6																685		685
																		685		685	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5503025	61223	89.4	6.745	685							
Dry Bulb	1199384	28402	41.5	5.640	685		6.7					90
Wet Bulb	1124255	27517	40.2	5.524	685		9.9					90
Dew Point	1041493	26399	38.5	5.937	685		16.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57			.1															1	1		
56/ 55		.1		.1														2	2	1	
54/ 53	.1	1.0		.1														10	10	5	3
52/ 51	.1	2.1	1.2	.1														27	27	13	8
50/ 49	.5	8.0	2.6	.3														87	87	42	31
48/ 47	.7	8.2	2.3	.1														87	87	66	48
46/ 45	1.6	10.8	2.3	.3														115	115	102	71
44/ 43	1.0	8.0	3.0	.4														95	95	109	82
42/ 41	1.3	11.4	3.5	.3														126	127	90	101
40/ 39	1.6	5.1	2.3															69	69	129	70
38/ 37	1.0	4.6	.8	.1														50	50	68	120
36/ 35	.7	3.0	.4	.1														32	32	55	62
34/ 33	.5	2.5	.4															26	26	32	54
32/ 31	1.4	2.2	.1															29	29	31	58
30/ 29	.4	.7																8	8	19	26
28/ 27	.3																	2	2	4	16
26/ 25																					13
24/ 23																					3
TOTAL	11.2	67.6	19.2	2.0															767		766
																		766		766	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5846880	66608	87.0	8.475	766							
Dry Bulb	1436889	32943	43.0	5.356	767		4.6					90
Wet Bulb	1326473	31619	41.3	5.277	766		6.3					90
Dew Point	1207560	30074	39.3	5.921	766		13.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65						.1	.1											2	2		
64/ 63						.1												1	1		
62/ 61			.1	.1	.3	.1												5	5		
60/ 59		.1		.1	.7													7	7		
58/ 57		.3	.3	1.2	.4	.3												18	18	2	
56/ 55		.9	1.6	2.5	.7	.1												44	44	5	3
54/ 53		1.6	4.0	2.0	1.3	.3												70	70	19	4
52/ 51	.1	3.4	4.6	2.3	.8													86	86	41	12
50/ 49	.1	4.8	6.5	3.0	2.0													126	126	101	41
48/ 47	.3	3.6	6.2	2.5	2.2													114	114	97	66
46/ 45	.7	4.0	3.8	3.1	.7													94	94	123	82
44/ 43	.1	4.0	2.6	2.9	.4													77	77	98	72
42/ 41	.7	4.0	2.7	1.4	.1													69	69	104	135
40/ 39	.7	.8	1.2	.1														21	21	87	64
38/ 37	.3	.9	1.4	.3														22	22	40	84
36/ 35	.1	.3	.3															5	5	29	49
34/ 33	.3	.4	.1															6	6	15	47
32/ 31	.1	.1																2	2	7	52
30/ 29																				1	30
28/ 27																					14
26/ 25																					10
24/ 23																					5
TOTAL	3.4	29.3	35.4	21.5	9.4	1.0	.1												769		770
																		769		769	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	448278	57908	75.3	12.942	769							
Dry Bulb	178570	36831	47.9	5.315	769		.2					90
Wet Bulb	152687	34019	44.2	4.942	769		.9					90
Dew Point	126855	30880	40.1	6.261	770		13.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.4	.1		.1										5	5		
66/ 65			.1	.1	.3	.4	.3	.3										13	13		
64/ 63						.4	.3	.1										6	6		
62/ 61			.1	.5	.7	.9												17	17	2	
60/ 59			1.1	.3	2.8	.8	.1	.1										39	39	3	
58/ 57			1.1	1.8	2.0	1.1	.3											47	47	6	1
56/ 55	.1	1.2	1.6	3.8	2.2	.8	.1											75	75	24	4
54/ 53		.9	3.8	4.1	3.2	.8	.1											98	98	35	15
52/ 51		1.8	3.7	3.3	3.6	.7	.4											102	102	72	17
50/ 49	.1	3.2	6.7	4.2	4.5	1.2												151	151	111	40
48/ 47	.1	1.5	2.8	2.5	2.2	.3												71	71	114	67
46/ 45		2.8	1.5	1.7	.4	.4												52	52	107	80
44/ 43		1.6	.5	1.6	.3													30	30	103	84
42/ 41		1.6	.5	1.6														28	28	79	98
40/ 39	.1	.8	1.2	.4														19	19	45	69
38/ 37		.3																2	2	32	78
36/ 35		.1																1	1	22	38
34/ 33		.1																1	1	2	60
32/ 31																					48
30/ 29																					20
28/ 27																					23
26/ 25																					9
24/ 23																					4
22/ 21																					2
TOTAL	.5	15.9	24.8	26.0	22.7	7.8	1.6	.7										757	757		757
																		757		757	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3571013	50927	67.3	13.845	757							
Dry Bulb	2025390	38920	51.4	5.679	757			.6				90
Wet Bulb	1630627	34929	46.1	5.007	757							90
Dew Point	1269301	30573	40.4	6.661	757		12.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.3	1.1		.1	.3									13	13		
66/ 65					.1	.4	.4	.5										11	11		
64/ 63					.1	.5	.5	.1										10	10		
62/ 61			.1	.5	.7	1.5	.7	.4										29	29	1	
60/ 59			.4	.5	1.9	1.5	1.4											42	42	5	
58/ 57		.4	.8	2.7	2.0	.5	.3											50	50	9	
56/ 55		1.5	2.0	4.5	2.0	.9	.3											83	83	16	1
54/ 53	.1	.8	4.1	3.0	3.6	1.1												94	94	46	23
52/ 51	.1	2.8	2.4	4.3	3.5	.9	.4											108	108	82	12
50/ 49		2.0	3.4	3.4	3.4	1.4	.1											101	101	118	47
48/ 47		2.2	4.1	2.2	2.4	.9												87	87	84	54
46/ 45		1.4	1.4	1.5	.3	.1												34	34	116	66
44/ 43		1.4	.8	1.1	.1													25	25	95	72
42/ 41		1.4	2.2	.8	.1													33	33	66	117
40/ 39		.7	.1	.4														9	9	52	64
38/ 37		.5	.1															5	5	28	81
36/ 35		.8																6	6	13	49
34/ 33																				9	54
32/ 31																					43
30/ 29																					20
28/ 27																					13
26/ 25																					14
24/ 23																					9
22/ 21																					1
TOTAL		.3	15.8	21.9	24.9	20.7	10.9	4.1	1.2	.3								740		740	740
																		740		740	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3368524	48706	65.8	14.840	740							
Dry Bulb	2028056	38478	52.0	8.078	740			1.6				90
Wet Bulb	1609592	34308	46.4	5.069	740							90
Dew Point	1232043	29787	40.3	6.686	740		12.2					90

FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65					.2			.2										2	2		
64/ 63				.2		.4	.2											4	4		
62/ 61				.2	.4	.4	.4											7	7		
60/ 59			.2	.4	.2	1.2	.2											11	11		
58/ 57			.4	.8	1.0	.8	.2											15	16	2	
56/ 55		1.0	2.0	1.6	1.4													30	30	4	
54/ 53	.4	2.9	3.5	2.7	1.2	.2												53	53	16	3
52/ 51	.2	3.3	4.5	1.8	1.6	.2												57	57	46	14
50/ 49	.6	6.1	7.1	3.5	2.4	.4												99	99	65	40
48/ 47	.6	2.9	3.5	2.7	.8	.2												52	52	70	51
46/ 45		5.5	4.9	1.6	1.2													65	65	65	42
44/ 43		2.7	3.1	1.6	.6													39	39	79	54
42/ 41		2.0	1.6	1.4														25	25	50	50
40/ 39		1.0	2.0	.4														17	17	34	52
38/ 37		1.4	.2	.2														9	9	29	50
36/ 35		.4																2	2	25	41
34/ 33			.2															1	1	3	45
32/ 31			.2															1	1		19
30/ 29																				2	8
28/ 27																					7
26/ 25																					11
24/ 23																					3
TOTAL	1.8	29.2	33.5	19.2	11.2	3.9	1.0	.2										490		490	490
																			490		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2757114	36148	73.8	13.598	490							
Dry Bulb	1193537	24033	49.0	5.500	490		.2					90
Wet Bulb	1004911	22057	45.0	4.960	490		.4					90
Dew Point	827811	19895	40.6	6.401	490		8.8					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70, 74-76 YEARS | APR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.2														1	1		
58/ 57			.2															1	1		
56/ 55		.5	.2															3	3		
54/ 53		1.6	.7	.5														12	12	5	
52/ 51	.2	6.1	1.1	1.1														38	38	17	7
50/ 49	.2	9.7	3.2	.2														59	59	42	29
48/ 47		9.3	3.2	.7	.2													59	59	41	35
46/ 45	.2	9.7	5.0	1.1														71	71	69	47
44/ 43	.9	8.8	2.0	.2														53	53	62	47
42/ 41	.9	5.6	5.2	.7														55	55	67	56
40/ 39	.2	5.0	2.5	.5														36	36	29	54
38/ 37	.2	4.7	1.8															30	30	48	39
36/ 35		1.8	.7															11	11	31	32
34/ 33	.2	1.1	.5															8	8	17	45
32/ 31		.9	.2															5	5	11	23
30/ 29		.2																1	1	3	13
28/ 27																				1	6
26/ 25																					8
24/ 23																					2
TOTAL	3.2	65.0	26.4	5.2	.2														443		443
																		443		443	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3134701	37051	83.6	9.010	443							
Dry Bulb	899602	19832	44.8	5.161	443		1.2					90
Wet Bulb	815100	18862	42.6	5.210	443		3.0					90
Dew Point	726396	17730	40.0	6.144	443		10.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | APR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.1	.2		.0	.0									18	18		
66/ 65			.0	.0	.1	.1	.1	.1										28	28		
64/ 63				.0	.0	.2	.1	.0										21	21		
62/ 61			.1	.2	.3	.4	.1	.1										58	58	3	
60/ 59		.0	.2	.2	.8	.4	.2	.0										100	100	8	
58/ 57		.1	.4	.9	.7	.3	.1											134	134	19	1
56/ 55	.0	.7	.9	1.7	.8	.3	.1											238	238	50	8
54/ 53	.1	1.1	2.1	1.6	1.3	.3	.0											343	343	131	48
52/ 51	.1	3.1	2.3	1.7	1.3	.2	.1											469	469	286	79
50/ 49	.4	5.8	4.1	1.9	1.6	.4	.0											752	752	566	289
48/ 47	.3	4.9	3.2	1.4	1.1	.2												586	586	555	398
46/ 45	.6	6.8	2.4	1.2	.3	.1												604	604	727	473
44/ 43	.6	5.6	1.9	1.0	.2													493	493	751	554
42/ 41	.8	6.1	2.4	.8	.0													531	532	606	753
40/ 39	.8	3.1	1.6	.2														298	298	553	504
38/ 37	.6	3.4	.6	.1														245	245	379	608
36/ 35	.4	1.6	.3	.0														119	119	297	395
34/ 33	.5	1.7	.2															125	125	152	427
32/ 31	.5	1.0	.1															81	81	129	340
30/ 29	.2	.4																28	28	54	179
28/ 27	.1	.0																7	7	10	113
26/ 25	.0	.1																4	4	5	78
24/ 23																					32
22/ 21																					4
TOTAL	5.9	45.4	22.8	12.9	8.6	3.2	.9	.3	.0										5283		5283
																		5282		5282	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33517795	413725	78.3	14.510	5282							
Dry Bulb	11741565	246453	46.7	6.803	5283		16.4	2.5				720
Wet Bulb	10122779	229295	43.4	5.656	5282		27.1					720
Dew Point	8563418	210094	39.8	6.282	5283		101.7					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.1																1	1		
58/ 57		.1																1	1	2	
56/ 55		1.8	.1	.1														14	14	3	2
54/ 53	.3	4.0	2.5	.1														47	47	16	6
52/ 51	.6	6.4	1.6	.3	.1													61	61	47	23
50/ 49	1.6	12.7	4.9	.3														131	131	76	74
48/ 47	.3	11.1	5.8	.3														117	117	95	61
46/ 45	1.2	10.5	3.9	.4														107	107	128	99
44/ 43	.9	7.6	2.4	.1														74	74	109	94
42/ 41	.9	5.1	1.3															49	49	83	104
40/ 39	.7	3.3	.7															32	32	54	75
38/ 37		1.9	.6															17	17	21	61
36/ 35		1.9	.3															15	15	19	27
34/ 33		.3																2	2	14	15
32/ 31																				1	19
30/ 29																					7
28/ 27																					1
TOTAL	6.6	67.1	24.4	1.8	.1														668		668
																		668		668	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5027871	57729	86.4	7.636	668							
Dry Bulb	1472365	31215	46.7	4.535	668							93
Wet Bulb	1355265	29939	44.8	4.488	668		.1					93
Dew Point	1243488	28620	42.8	5.090	668		3.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.3																2	2		
58/ 57			.1															1	1	2	1
56/ 55		.6																4	4		1
54/ 53	.3	2.5	.1	.1														22	22	10	5
52/ 51	.3	4.8	1.7	.1														50	50	21	12
50/ 49	1.0	8.7	1.7	.3														84	84	57	46
48/ 47	1.9	13.8	3.5	.1														140	140	99	59
46/ 45	.8	10.1	1.8	.3														94	94	126	90
44/ 43	2.5	12.0	1.7	.4														120	120	137	117
42/ 41	2.9	7.6	.7	.1														82	82	102	149
40/ 39	1.8	4.1	.1															44	44	67	85
38/ 37	1.1	2.9	.1															30	30	37	59
36/ 35		3.3																24	24	20	32
34/ 33	1.4	1.2																19	19	30	25
32/ 31	.1	.7																6	6	11	23
30/ 29		.1																1	1	4	13
28/ 27																					6
TOTAL	14.1	72.9	11.5	1.5															723		723
																		723		723	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5792594	64506	89.2	7.195	723							
Dry Bulb	1475130	32460	44.9	4.965	723		.9					93
Wet Bulb	1380033	31399	43.4	4.768	723		1.9					93
Dew Point	1286816	30280	41.9	5.083	723		5.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAY MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61		.1																1	1		
60/ 59			.5															4	4	1	
58/ 57		.6	1.0															13	13	2	1
56/ 55	.1	1.8	1.6	.4	.3													33	33	11	4
54/ 53	.3	4.2	2.4	1.3														64	64	34	10
52/ 51	.8	4.8	6.3	1.1	.1													104	104	56	44
50/ 49	1.3	14.6	10.4	1.9	.3													224	224	110	87
48/ 47	.9	7.7	6.3	.9	.4													128	128	180	100
46/ 45	1.4	8.1	2.7	.1	.1													98	98	149	132
44/ 43	.4	5.6	1.4	.5														62	62	128	122
42/ 41	.6	1.4	1.1															25	26	55	125
40/ 39		1.5																12	12	25	58
38/ 37	.1	1.4																12	12	20	48
36/ 35		.5																4	4	10	22
34/ 33	.1	.4																4	4	6	19
32/ 31	.1																	1	1	2	11
30/ 29																					6
TOTAL	6.1	52.7	33.8	6.2	1.1														790		789
																		789		789	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5668195	66479	84.3	9.211	789							
Dry Bulb	1874336	38332	48.5	4.273	790		.1					93
Wet Bulb	1697504	36452	46.2	4.126	789		.2					93
Dew Point	1538052	34624	43.9	4.863	789		2.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) MAY (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69					.1	.1	.1											3	3		
68/ 67					.1	.3												3	3		
66/ 65				.4		.1		.1										5	5		
64/ 63			.1	.5	1.3	.5	.3											21	21		
62/ 61		.3	1.0	2.1	1.3	.4	.3											42	42	1	
60/ 59		.3	1.1	4.3	1.8	1.9	.3											78	78	12	1
58/ 57		.9	2.8	2.9	3.9	.5	.1											88	88	19	5
56/ 55		.9	3.8	5.4	3.8	1.0	.1											119	119	56	15
54/ 53	.1	.8	5.7	5.3	3.5	.5												126	126	76	16
52/ 51		2.4	5.7	5.4	2.3	.5												129	129	84	49
50/ 49		4.2	4.7	3.5	1.4													109	109	186	91
48/ 47	.4	1.3	2.4	1.4	.5													47	47	143	103
46/ 45		1.0	.5	.6														17	17	118	89
44/ 43		.3	.5															6	6	71	111
42/ 41																				21	132
40/ 39																				6	56
38/ 37																					56
36/ 35																					37
34/ 33																					19
32/ 31																					10
30/ 29																					3
TOTAL	.5	12.1	28.2	32.2	19.9	5.8	1.1	.1											793		793
																		793		793	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3958177	55185	69.6	12.198	793							
Dry Bulb	2347266	42994	54.2	4.532	793			.7				93
Wet Bulb	1925343	38943	49.1	4.038	793							93
Dew Point	1506449	34985	44.1	5.390	793		1.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | MAY MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1		.1									2	2		
74/ 73						.3	.1	.1	.1									5	5		
72/ 71						.1		.3	.3	.1								6	6		
70/ 69					.1		.6	.1	.1									8	8		
68/ 67			.1	.8	.5	1.3	1.0	.3	.1									32	32		
66/ 65			.1	.8	1.7	1.7	1.0											41	41		
64/ 63		.3	.5	1.4	2.2	1.8	.5	.3										54	54	7	
62/ 61			.3	2.1	2.3	2.4	.5	.3										61	61	12	1
60/ 59		.5	1.4	3.1	4.1	4.4	1.4											116	116	18	7
58/ 57		.3	1.5	2.4	4.9	2.6	.9	.1										99	99	50	5
56/ 55		.1	2.3	3.6	4.0	3.7	.6											112	112	80	16
54/ 53		1.4	4.0	2.4	3.3	1.4												98	98	86	23
52/ 51		2.2	3.7	2.1	1.4	1.2												82	82	110	45
50/ 49		1.7	2.6	1.4	.4													47	47	161	118
48/ 47		.9	.1	.5	.3													14	14	126	79
46/ 45																				84	87
44/ 43																				32	98
42/ 41																				10	109
40/ 39																				1	50
38/ 37																					53
36/ 35																					37
34/ 33																					21
32/ 31																					19
30/ 29																					6
28/ 27																					3
TOTAL		7.3	16.7	20.6	25.2	20.8	6.9	1.4	.8	.1									777		777
																		777		777	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3163413	48409	62.3	13.783	777							
Dry Bulb	2603361	44785	57.6	5.328	777			6.3	.8			93
Wet Bulb	2018878	39460	50.8	4.382	777							93
Dew Point	1542901	34373	44.2	6.039	777		3.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAY MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.6		.3									7	7		
74/ 73								.3										2	2		
72/ 71					.3				.3	.1	.1							6	6		
70/ 69				.1	.3	.4	.3	1.0										16	16		
68/ 67				.3	1.0	1.4	.1	.9	.1									30	30		
66/ 65			.1	.1	2.0	1.9	.8	.1	.3									42	42		
64/ 63			.8	.8	2.0	2.8	1.0	.1										59	59	10	
62/ 61			.5	1.3	2.0	3.6	.9	.3										69	69	8	
60/ 59		.3	.8	2.9	3.8	4.7	1.8											112	112	25	6
58/ 57		.6	.9	1.8	5.6	3.2	.9											102	102	48	10
56/ 55	.1	1.4	1.9	2.7	5.1	2.9	.6											116	116	79	18
54/ 53	.3	2.8	2.6	1.7	3.3	1.5	.1											98	98	95	30
52/ 51	.3	1.5	4.2	1.8	1.3	.4												74	74	121	63
50/ 49		1.3	1.5	.4	.6	.4												34	34	142	85
48/ 47	.3	.9	.4	.1														13	13	140	64
46/ 45		.3	.1	.1														4	4	80	93
44/ 43																				24	106
42/ 41																				11	118
40/ 39																				1	55
38/ 37																					47
36/ 35																					37
34/ 33																					28
32/ 31																					15
30/ 29																					7
28/ 27																					1
26/ 25																					1
TOTAL	.9	9.1	14.0	14.0	27.6	23.5	7.1	2.7	.9	.1	.1							784	784	784	784

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3167929	48461	61.8	14.840	784							
Dry Bulb	2661291	45467	58.0	5.593	784			7.2	1.1			93
Wet Bulb	2051137	39951	51.0	4.423	784							93
Dew Point	1564856	34694	44.3	6.144	784		2.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | MAY MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.2											1	1		
72/ 71								.2										1	1		
70/ 69							.2		.2									2	2		
68/ 67				.2	.5	.4	.9											11	11		
66/ 65				.4	1.5	1.1		.4										18	18		
64/ 63			.5	.9	1.3	1.5	.2											24	24	1	
62/ 61			.2	2.4	1.5	1.1	.5	.2										32	32	1	
60/ 59		.4	1.1	3.1	2.7	1.8	.5	.2										54	54	11	1
58/ 57		.5	1.1	2.0	3.3	2.4	.2											52	52	18	2
56/ 55		1.8	2.0	3.5	4.8	1.6	.4											77	77	49	9
54/ 53		2.0	3.5	5.1	2.6	.5												75	75	52	15
52/ 51	.5	2.6	5.3	4.0	2.6	.4												84	84	68	34
50/ 49	.2	2.0	6.0	2.6	1.6	.2												69	69	97	74
48/ 47	.7	2.0	1.3	1.6	.7	.2												36	36	113	49
46/ 45			.7	.5	.2													8	8	78	76
44/ 43		.4	.2															3	3	29	73
42/ 41																				24	70
40/ 39																				5	49
38/ 37																				1	34
36/ 35																					23
34/ 33																					19
32/ 31																					14
30/ 29																					1
28/ 27																					4
TOTAL	1.5	11.7	21.9	26.3	23.2	11.2	3.1	.9	.2									547	547		547
																				547	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2569416	36714	67.1	13.882	547							
Dry Bulb	1676111	30143	55.1	5.250	547			2.6	.2			93
Wet Bulb	1345295	27023	49.4	4.343	547							93
Dew Point	1070118	23988	43.9	5.766	547		3.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,72,74-76 (YEARS) MAY (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.2													1	1		
62/ 61					.2													1	1		
60/ 59			.2	2.1	.2													12	12		
58/ 57		.6	2.3	1.0	.2													20	20	1	
56/ 55	.4	3.5	3.3	.8	.8													43	43	8	4
54/ 53		2.7	5.6	1.6	.4													50	50	44	7
52/ 51	.2	4.3	6.4	2.9	.2													68	68	36	28
50/ 49		6.0	10.7	1.9														90	90	57	46
48/ 47		7.2	9.1	1.6	.2													88	88	88	53
46/ 45		5.1	5.3	1.0														56	56	105	68
44/ 43	.2	2.5	2.5	1.6														33	33	66	69
42/ 41		1.2	1.9	.4														17	17	42	81
40/ 39		.6	.6															6	6	21	55
38/ 37		.2																1	1	12	23
36/ 35																				6	26
34/ 33																					13
32/ 31																					8
30/ 29																					2
28/ 27																					3
TOTAL	.8	34.0	47.7	15.0	2.5														486		486
																		486		486	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3093973	38517	79.3	9.237	486							
Dry Bulb	1209068	24146	49.7	4.407	486							93
Wet Bulb	1061670	22620	46.5	4.275	486							93
Dew Point	927585	21083	43.4	5.175	486		2.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) MAY (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
76/ 75							.1		.1										9	9		
74/ 73						.0	.0	.1	.0										8	8		
72/ 71					.0	.0		.1	.1	.0	.0								13	13		
70/ 69				.0	.1	.1	.2	.2	.0										29	29		
68/ 67			.0	.2	.3	.4	.3	.2	.0										76	76		
66/ 65			.0	.2	.7	.6	.3	.1	.0										106	106		
64/ 63		.0	.3	.5	.9	.9	.3	.1											159	159	18	
62/ 61		.1	.3	1.0	1.0	1.0	.3	.1											206	206	22	1
60/ 59		.2	.7	2.0	1.7	1.7	.5	.0											379	379	67	15
58/ 57		.5	1.2	1.3	2.4	1.1	.3	.0											376	376	142	24
56/ 55	.1	1.4	1.9	2.1	2.4	1.2	.2												518	518	286	69
54/ 53	.2	2.5	3.3	2.2	1.7	.5	.0												580	580	413	112
52/ 51	.3	3.6	4.3	2.2	1.0	.3													652	652	543	298
50/ 49	.5	6.4	5.0	1.5	.6	.1													788	788	886	621
48/ 47	.6	5.5	3.4	.8	.3	.0													583	583	984	568
46/ 45	.4	4.3	1.7	.4	.0														384	384	868	734
44/ 43	.5	3.6	1.0	.3															298	298	596	790
42/ 41	.6	1.9	.6	.1															173	174	348	888
40/ 39	.3	1.2	.2																94	94	180	483
38/ 37	.2	.8	.1																60	60	91	381
36/ 35		.7	.0																43	43	55	241
34/ 33	.2	.3																	25	25	50	159
32/ 31	.0	.1																	7	7	14	119
30/ 29		.0																	1	1	4	45
28/ 27																						18
26/ 25																						1
TOTAL	3.9	33.1	23.9	14.6	12.9	8.1	2.4	.7	.3	.0	.0								5567	5568	5567	5567

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	32441568	416000	74.7	15.606	5567							
Dry Bulb	15318928	289542	52.0	6.866	5568		1.1	18.0	2.3			744
Wet Bulb	12835125	265787	47.7	5.114	5567		2.4					744
Dew Point	10746265	242647	43.6	5.528	5567		24.5					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JUN MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69							.1											1	1		
68/ 67			.1	.3														3	3		
66/ 65		.1	.4															4	4		
64/ 63		.8	.8	.1														13	13	2	
62/ 61		1.6	.6	.4														18	18	12	2
60/ 59		1.8	1.4	.6														27	27	18	17
58/ 57	.1	6.5	4.0	.8														81	81	35	19
56/ 55	2.8	10.6	3.1	.1	.3													120	120	97	58
54/ 53	1.1	10.3	3.8	.7														113	113	104	83
52/ 51	1.1	8.8	4.0	.4	.1													102	102	107	99
50/ 49	.4	8.6	4.7	.3														99	99	103	130
48/ 47	.4	3.8	3.5															55	55	85	84
46/ 45		3.7	.6															30	30	62	59
44/ 43	.3	1.4	.7															17	17	45	64
42/ 41	.7	1.0	.3															14	14	20	45
40/ 39		.8	.1															7	7	5	23
38/ 37		.1	.3															3	3	9	10
36/ 35		.1																1	1	2	4
34/ 33																				2	7
32/ 31																					1
30/ 29																					3
TOTAL	7.1	60.2	28.4	3.8	.4		.1											708	708		708
																		708		708	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	533918	61242	86.5	7.752	708							
Dry Bulb	198457	37349	52.8	5.073	708			.5				90
Wet Bulb	183711	35847	50.6	5.008	708							90
Dew Point	170436	34542	48.8	5.464	708		.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUN (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.1	.4															4	4		
62/ 61		.5	.4															7	7	2	
60/ 59	.4	2.7	.4															26	26	13	12
58/ 57	.8	3.7	1.5															45	45	30	20
56/ 55	2.1	7.8	1.2	.4														87	87	59	42
54/ 53	2.1	8.8	2.7	.1														103	103	88	72
52/ 51	1.6	12.5	2.1															122	122	88	80
50/ 49	2.8	11.1	2.4	.4														126	126	167	128
48/ 47	2.0	8.1	1.5	.1														88	88	103	120
46/ 45	.6	6.9	.3															60	60	73	75
44/ 43	.3	3.8	.1															32	32	61	73
42/ 41	.7	3.3	.4															33	33	33	68
40/ 39	.1	1.1																9	9	19	27
38/ 37		.9	.1															8	8	9	16
36/ 35		.1	.1															2	2	4	13
34/ 33		.3																2	2	2	2
32/ 31																				3	2
30/ 29																					2
28/ 27																					2
TOTAL	13.7	71.8	13.5	1.1															754		754
																		754		754	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6149869	67903	90.1	6.791	754							
Dry Bulb	1948360	38144	50.6	4.983	754							90
Wet Bulb	1835639	37013	49.1	4.985	754		.4					90
Dew Point	1742436	36018	47.8	5.391	754		.7					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JUN MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1												1	1		
70/ 69				.1														1	1		
68/ 67			.3	.8	.3	.1	.1											12	12		
66/ 65		.1	.4	.4	.1	.1												9	9	1	
64/ 63		.6	.9	.5	.1	.1												18	18	5	1
62/ 61	.1	.9	1.3	1.2	.4													30	30	17	5
60/ 59	.1	3.4	4.3	2.6	.8													86	86	22	19
58/ 57	.3	5.3	4.9	2.1	1.9	.3												114	114	54	18
56/ 55	1.0	7.2	5.0	2.2	1.0													128	128	116	59
54/ 53	.6	6.1	5.6	1.9														110	110	114	88
52/ 51	1.0	7.9	4.3	1.4	.1													114	114	135	110
50/ 49	1.2	6.6	3.4	.1														87	87	142	165
48/ 47	.1	2.2	1.3															28	28	94	86
46/ 45	.3	1.6	.8	.4														23	23	35	96
44/ 43		.5		.1														5	5	19	53
42/ 41	.1	.3	.1															4	4	9	44
40/ 39	.1		.1															2	2	8	16
38/ 37		.1																1	1		4
36/ 35																				2	3
34/ 33																					4
32/ 31																					2
TOTAL	5.0	42.8	32.6	13.8	4.8	.8	.1												773		773
																		773		773	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5315436	63594	82.3	10.407	773							
Dry Bulb	2328380	42260	54.7	4.831	773			1.6	.1			90
Wet Bulb	2081917	39971	51.7	4.417	773							90
Dew Point	1889833	38027	49.2	4.978	773		.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JUN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.3	.1								3	3		
82/ 81								.1										1	1		
80/ 79								.1	.1									2	2		
78/ 77					.1	.3	.4	.4	.3	.1		.1						13	13		
76/ 75				.1	.3		.3		.1		.1							7	7		
74/ 73					.1	.5	.3	.7	.1	.1								14	14		
72/ 71				.3	.9	.5	.4	.4	.1									20	20		
70/ 69			.1	.5	1.0	1.0	.7	.1										27	27	2	
68/ 67			.4	1.3	1.8	2.5	.8	.8										58	58	8	1
66/ 65			.4	1.2	2.7	2.1	1.3	.3										61	61	14	
64/ 63		.4	.9	3.4	2.1	2.1	.7											73	73	22	5
62/ 61		.5	2.3	3.0	3.5	2.7	.9											100	100	38	11
60/ 59	.4	1.3	3.3	5.1	3.7	2.6	.3											127	127	69	25
58/ 57	.1	2.3	2.9	2.5	2.6	1.2												89	89	103	35
56/ 55	.1	2.2	2.1	3.0	2.6	1.0												85	85	120	75
54/ 53		2.5	1.0	1.0	1.0	.1												44	44	125	73
52/ 51		1.2	1.3	.1	.5	.1												25	25	107	108
50/ 49	.3	.3	.7	.1	.1													11	11	90	109
48/ 47		.4	.1		.1													5	5	40	71
46/ 45	.1																	1	1	21	67
44/ 43																				4	63
42/ 41		.1																1	1	3	68
40/ 39																				1	33
38/ 37																					13
36/ 35																					3
34/ 33																					4
32/ 31																					2
30/ 29																					1
TOTAL	1.0	11.2	15.5	21.6	23.3	16.8	5.9	2.9	1.0	.4	.1	.1						767	767	767	767

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3504402	50684	66.1	14.232	767							
Dry Bulb	2900458	46922	61.2	6.254	767			17.0	4.7	.7		90
Wet Bulb	2304699	41881	54.6	4.826	767			1.2				90
Dew Point	1880205	37701	49.2	5.943	767		.4	.1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JUN MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.1						1	1		
88/ 87											.3		.1					3	3		
86/ 85										.1		.1		.1				3	3		
84/ 83								.1		.3	.1	.3	.1	.1				8	8		
82/ 81							.1	.7		.3	.1							9	9		
80/ 79						.1		.7	.3	.7		.1						14	14		
78/ 77							.7	.8	1.2	.1	.1							22	22		
76/ 75						.1	1.2	1.0		.1		.1						20	20		
74/ 73					.4	1.6	2.1	1.4	.8									48	48		
72/ 71			.1		1.0	1.0	1.8	1.6	.7	.1	.1							50	50		
70/ 69				.1	.9	1.3	1.8	.9	.8	.3								47	47	5	
68/ 67			.3	1.3	2.2	5.2	3.0	1.8	.1									107	107	11	
66/ 65			.5	.8	1.8	2.1	2.1	1.0										64	64	18	1
64/ 63		.5	1.0	1.6	2.5	2.0	2.0	.4										76	76	50	5
62/ 61		.4	1.0	1.2	1.6	3.0	.8											61	61	83	7
60/ 59	.4	1.4	2.1	1.4	3.1	2.6	.5	.1										90	90	91	32
58/ 57	.3	1.2	2.0	1.2	1.4	.8	.4											55	55	106	56
56/ 55		1.4	.4	.5	2.0													33	33	113	57
54/ 53	.3	2.0	.9	.4		.4	.1											31	31	100	78
52/ 51		.9	.7			.4												15	15	89	115
50/ 49	.1	.7																6	6	69	108
48/ 47																				19	65
46/ 45																				2	48
44/ 43																				7	65
42/ 41																					70
40/ 39																					31
38/ 37																					9
36/ 35																					4
34/ 33																					3
32/ 31																					3
30/ 29																					2
TOTAL	1.0	8.5	9.0	8.5	17.0	20.7	16.6	10.6	3.8	2.0	.8	.8	.3	.3					763		763
																		763		763	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2821799	44695	58.6	16.348	763							
Dry Bulb	3287594	49762	65.2	7.439	763			39.2	15.1	3.1		90
Wet Bulb	2440424	42986	56.3	4.950	763			1.9				90
Dew Point	1885794	37634	49.3	6.227	763		.8					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUN (MONTH)

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.4					3	3		
88/ 87											.1			.3				3	3		
86/ 85										.1	.1		.1	.1	.3			6	6		
84/ 83									.4		.5							7	7		
82/ 81									.1	.4	.3							6	6		
80/ 79								.5	.1	.1		.1						7	7		
78/ 77						.1	.5	2.2	1.5	.5	.5	.1						43	43		
76/ 75				.1	.4	.1	2.2	1.0	.3	.1								33	33		
74/ 73						1.7	1.3	2.4	.6	.4	.1							51	51		
72/ 71					.5	1.4	1.8	1.8	.8	.5								53	53		
70/ 69				.1	1.0	.9	1.9	1.4	.3									44	44	3	
68/ 67				1.4	2.1	4.1	2.4	1.8										92	92	11	
66/ 65			1.0	1.5	1.9	3.3	1.8	1.3										85	85	16	2
64/ 63		.1	.4	1.0	1.3	2.6	1.7	.1										56	56	68	1
62/ 61	.1	.5	1.2	1.2	1.8	2.6	1.5											69	69	84	3
60/ 59		1.8	1.5	1.5	2.2	3.1	.4											82	82	85	34
58/ 57	.1	.9	1.8	.4	1.7	1.0		.3										48	48	117	55
56/ 55		2.3	.9	.8	1.2	.4												43	43	110	77
54/ 53	.3	.8	.9	.1		.1												17	17	104	81
52/ 51		2.3	.4															21	21	81	90
50/ 49	.1	.3	.1															4	4	73	97
48/ 47		.1																1	1	16	87
46/ 45																				5	57
44/ 43		.3																2	2	2	61
42/ 41		.1																1	1	2	79
40/ 39																					35
38/ 37																					10
36/ 35																					3
34/ 33																					3
30/ 29																					1
28/ 27																					1
TOTAL	.6	9.5	8.2	8.2	14.0	21.5	15.6	12.9	4.1	2.2	1.7	.3	.5	.4	.3				777		777
																		777		777	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2796367	44817	57.7	10.503	777							
Dry Bulb	3401898	51052	65.7	7.830	777			40.3	18.4	3.1		90
Wet Bulb	2498919	43897	56.5	4.940	777			1.6				90
Dew Point	1914412	38288	49.3	5.975	777		.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87												.2						1	1		
86/ 85												.2						1	1		
82/ 81								.2		.2	.2							3	3		
80/ 79						.2		.2	.4									4	4		
78/ 77							.4	.4	.4									6	6		
76/ 75					.2	.4	.4	.4	.2	.2								9	9		
74/ 73					.4	.4	2.0	.9										20	20		
72/ 71				.2	1.3	.7	.7	.4	.2	.4								21	21		
70/ 69				.5	1.4	1.4	1.8	.5	.2		.2							34	34	1	
68/ 67			.5	2.7	1.6	3.1	1.8	.5										57	57	5	
66/ 65			.4	2.7	2.9	2.7	1.6	.2	.2									59	59	9	
64/ 63		.4	1.6	2.2	2.2	2.2	1.6	.2										57	57	29	6
62/ 61		.4	.9	2.0	2.2	2.5	.7											48	48	49	5
60/ 59		2.2	3.4	2.9	3.6	2.2	.2											80	80	59	18
58/ 57		1.4	.9	2.4	3.1	.5												46	46	74	29
56/ 55	.2	2.7	1.4	3.3	1.1													48	48	83	58
54/ 53	.5	1.6	1.6	1.3	.4	.2												31	31	75	78
52/ 51		2.4	.7	.7	.2													22	22	84	62
50/ 49		.5	.4	.2														6	6	62	83
48/ 47																				17	53
46/ 45																				5	53
44/ 43																				1	55
42/ 41																					36
40/ 39																					9
38/ 37																					3
36/ 35																					3
32/ 31																					1
30/ 29																					1
TOTAL	.7	11.6	11.9	21.0	20.4	16.5	11.2	3.8	1.4	.7	.4	.4						553	553	553	553

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	243057 2	35732	64.6	14.852	553							
Dry Bulb	2197155	34665	62.7	6.617	553			25.4	7.2	1.0		90
Wet Bulb	1717746	30712	55.5	4.680	553			1.0				90
Dew Point	1392134	27582	49.9	5.619	553		.3					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-72, 74-76 (YEARS) JUN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.2										1	1		
74/ 73						.2	.2											2	2		
72/ 71					.4	.2												3	3		
70/ 69			.4		.2	.4												5	5		
68/ 67			.2	1.2	1.0	.2												13	13		
66/ 65		.2	.6	.6	.2	.6	.2											12	12	2	
64/ 63		.6	1.5	2.3	1.0	.2												29	29	11	1
62/ 61		1.3	2.9	2.9	.6	.2												41	41	18	4
60/ 59		1.7	6.3	3.3	1.5	.2												68	68	22	17
58/ 57	.2	6.2	6.0	2.9	1.0													84	84	50	23
56/ 55	.6	5.8	5.2	4.6	1.2													90	90	95	46
54/ 53	.6	4.0	5.0	3.3	.6													70	70	84	79
52/ 51	.4	3.3	4.2	2.1														52	52	69	76
50/ 49		2.5	3.5	.2														32	32	60	70
48/ 47		.2	.8															5	5	48	55
46/ 45		1.0	.4	.2														8	8	24	48
44/ 43		.4																2	2	10	46
42/ 41		.2	.4															3	3	5	37
40/ 39																				2	12
38/ 37																					2
36/ 35																					3
34/ 33																					1
TOTAL	1.7	27.3	37.3	23.5	7.5	2.1	.4	.2										520	520	520	520

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3211450	40498	77.9	10.520	520							
Dry Bulb	1684940	29476	56.7	5.213	520			4.2	.5			90
Wet Bulb	1464245	27489	52.9	4.621	520							90
Dew Point	1295987	25817	49.6	5.235	520							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91												.0						1	1		
90/ 89													.1					3	3		
88/ 87											.1	.0	.0	.0				7	7		
86/ 85										.0	.0	.0	.0	.0	.0			10	10		
84/ 83								.0	.1	.1	.1	.0	.0	.0				18	18		
82/ 81							.0	.1	.0	.1	.1							19	19		
80/ 79						.0		.2	.1	.1		.0						27	27		
78/ 77					.0	.1	.2	.5	.4	.1	.1	.0						85	85		
76/ 75				.0	.1	.1	.5	.3	.1	.1	.0	.0						69	69		
74/ 73					.1	.6	.7	.7	.2	.1	.0							136	136		
72/ 71			.0	.1	.5	.5	.6	.6	.2	.1	.0							147	147		
70/ 69			.1	.2	.6	.6	.8	.4	.2	.0	.0							159	159	11	
68/ 67			.2	1.1	1.1	2.0	1.1	.7	.0									342	342	35	1
66/ 65		.1	.5	.9	1.2	1.4	.9	.4	.0									294	294	60	3
64/ 63		.4	.9	1.3	1.1	1.2	.7	.1										326	326	187	19
62/ 61	.0	.7	1.3	1.4	1.3	1.4	.5											374	374	303	37
60/ 59	.2	2.0	2.7	2.1	1.8	1.4	.2	.0										586	586	379	174
58/ 57	.2	3.4	2.9	1.4	1.4	.5	.1	.0										562	562	569	255
56/ 55	.9	5.0	2.3	1.7	1.2	.2												634	634	793	472
54/ 53	.7	4.6	2.6	1.0	.2	.1	.0											519	519	794	632
52/ 51	.5	5.0	2.2	.5	.1	.1												473	473	760	740
50/ 49	.7	3.9	1.8	.2	.0													371	371	786	890
48/ 47	.3	2.0	.9	.0	.0													182	182	422	621
46/ 45	.2	1.7	.2	.1														122	122	227	503
44/ 43	.1	.8	.1	.0														58	58	149	480
42/ 41	.2	.7	.1															56	56	72	447
40/ 39	.0	.2	.0															18	18	35	186
38/ 37		.2	.1															12	12	18	67
36/ 35		.0	.0															3	3	8	36
34/ 33		.0																2	2	4	26
32/ 31																				3	13
30/ 29																					10
28/ 27																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JUN MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.0	30.8	19.0	12.0	10.9	10.0	6.4	4.0	1.4	.7	.4	.2	.1	.1	.0			5615		5615
																	5615		5615	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31569813	409165	72.9	17.676	5615							
Dry Bulb	19737242	329630	58.7	8.294	5615			131.2	48.1	8.3		720
Wet Bulb	16176300	299796	53.4	5.496	5615		.4	5.9				720
Dew Point	13708147	275609	49.1	5.663	5615		3.3	.1				720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JUL MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.1		.1												2	2		
68/ 67			.7	.3		.1												8	8		
66/ 65		.6	.3	.3	.3													10	10		
64/ 63	.3	1.7	.6	1.0	.3													27	27	13	4
62/ 61	.3	3.8	1.7	.8														47	47	21	14
60/ 59	1.4	9.5	4.2	1.4	.4													120	120	51	40
58/ 57	.7	8.3	6.1	1.0	.3													116	116	105	62
56/ 55	.7	9.6	4.7	1.1														114	114	118	74
54/ 53	.6	8.1	3.5	.1														87	87	119	111
52/ 51	.6	7.6	3.7	.6														88	88	103	111
50/ 49	.4	5.2	3.2															63	63	84	130
48/ 47	.1	1.7	.6	.3														19	19	60	61
46/ 45	.1	.7																6	6	26	55
44/ 43		.1																1	1	8	26
42/ 41																					16
40/ 39																					2
38/ 37																					2
TOTAL	5.2	56.9	29.2	7.1	1.3	.3													708		708
																		708		708	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5297501	60951	86.1	8.434	708							
Dry Bulb	2228093	39597	55.9	4.372	708			1.3				93
Wet Bulb	2047719	37955	53.6	4.288	708							93
Dew Point	1912677	36647	51.8	4.724	708							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUL (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65		.3	.3															4	4		
64/ 63	.1	1.0	.3															11	11	5	2
62/ 61	.3	2.6	1.3	.6														37	37	19	10
60/ 59	2.1	8.6	2.3	.4														103	103	43	46
58/ 57	2.2	7.0	1.9	1.4														97	97	99	58
56/ 55	1.8	11.2	2.3	.6	.1													124	124	92	81
54/ 53	2.2	10.5	1.9	.1														114	114	131	99
52/ 51	2.2	8.6	2.5															102	102	113	139
50/ 49	1.4	7.7	1.7	.1														84	84	109	105
48/ 47	.5	5.6	.6	.1														53	53	81	82
46/ 45	.9	2.9	.1															30	30	55	75
44/ 43		1.4																11	11	17	40
42/ 41		.1																1	1	7	24
40/ 39																					9
38/ 37																					1
TOTAL	13.7	67.3	15.3	3.5	.1														771		771
																		771		771	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6235943	69111	89.6	7.294	771							
Dry Bulb	2272984	41718	54.1	4.511	771							93
Wet Bulb	2136113	40435	52.4	4.487	771							93
Dew Point	2031324	39400	51.1	4.820	771							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

 0600-0600 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1		.5	.1												6	6		
68/ 67			.2	.7	.2	.1												11	11		
66/ 65		.6	1.5	.5	.1	.2												24	24	1	
64/ 63		2.5	1.7	1.5	.2													48	48	15	5
62/ 61	.2	4.1	3.3	1.4	.4													76	76	39	16
60/ 59	1.5	7.3	6.3	3.3	.4													152	152	73	60
58/ 57	1.2	5.6	6.1	1.6	.5													121	121	121	65
56/ 55	1.7	9.4	4.7	2.1	.4													148	148	138	117
54/ 53	1.5	8.5	2.7	.6	.2													110	110	171	102
52/ 51	1.0	4.6	2.6	.1														67	67	120	148
50/ 49	.4	3.2	1.0															37	37	81	162
48/ 47	.2	.5																6	6	38	65
46/ 45		.2																2	2	10	36
44/ 43																				1	21
42/ 41																					7
40/ 39																					4
TOTAL	7.8	46.5	30.3	11.9	3.0	.5												808	808		808
																		808		808	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5831093	68197	84.4	9.648	808							
Dry Bulb	2653113	46175	57.1	4.215	808			2.0				93
Wet Bulb	2410372	44018	54.5	3.915	808							93
Dew Point	2230555	42305	52.4	4.392	808							93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) JUL (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.1					1	1		
82/ 81								.1	.2		.1							4	4		
80/ 79					.1			.2	.2	.1								6	6		
78/ 77						.1	.6		.2									8	8		
76/ 75					.1	.1	.1	.4										6	6		
74/ 73					.4	.4	.5	.1	.1									12	12		
72/ 71				.1	.5	1.1	.9	.1		.1								23	23	1	
70/ 69			.6	.9	.9	1.2	.9	.2			.1							39	39		
68/ 67			.6	3.9	2.5	2.5	1.1	.2	.2									90	90	6	1
66/ 65		.4	3.2	3.3	2.6	1.5	.9		.1									97	97	18	
64/ 63		1.4	2.7	5.1	4.2	1.1	.4	.1										121	121	47	4
62/ 61		2.0	2.3	4.6	3.9	1.0	.2											114	114	99	23
60/ 59	.7	3.5	5.2	6.8	3.3	.5												162	162	116	84
58/ 57		2.3	3.9	2.7	1.4	.5												88	88	143	91
56/ 55	.1	2.2	.9	.9	.1													34	34	167	98
54/ 53		.4	.4															6	6	123	98
52/ 51																				64	147
50/ 49																				22	96
48/ 47																				5	65
46/ 45																					53
44/ 43																					24
42/ 41																					14
40/ 39																					5
38/ 37																					6
36/ 35																					1
32/ 31																					1
TOTAL	.9	12.1	19.9	28.2	20.0	10.0	5.5	1.6	1.2	.2	.2		.1					811	811		811
																				811	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4035529	56177	69.3	13.343	811							
Dry Bulb	3259103	51247	63.2	5.069	811			21.7	4.2	.8		93
Wet Bulb	2662305	46361	57.2	3.860	811			.8				93
Dew Point	2252910	42548	52.5	5.054	811		.1	.1				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JUL MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1	.4					4	4		
88/ 87											.1	.3	.3					5	5		
86/ 85									.3	.3	.4	.1						8	8		
84/ 83								.1	.1			.1						3	3		
82/ 81								.5	.3	.1	.3							9	9		
80/ 79						.3		.5	.1									7	7		
78/ 77				.1	.1	.5	.9	.4	.4									19	19		
76/ 75					.4		1.4	1.1	.4	.3		.1						29	29		
74/ 73				.1	.8	.9	1.3	1.3	.6	.1	.1	.1						44	44		
72/ 71				.4	1.4	1.3	1.6	1.6	.5	.1		.1						56	56	2	
70/ 69			.4	.6	2.8	2.3	3.5	.6	.6									86	86	7	
68/ 67		.1	.9	4.8	4.6	6.6	2.9	1.3										170	170	25	2
66/ 65		.4	1.0	2.5	2.4	1.9	2.3	.3										85	85	34	4
64/ 63		.6	1.4	2.4	4.5	3.1	.8											102	102	72	14
62/ 61		2.0	1.5	3.6	2.1	.6	.4											82	82	118	24
60/ 59		1.1	1.3	2.4	1.4	.3	.1											52	52	130	66
58/ 57		1.0	.8	.4	.1	.3	.1											21	21	150	84
56/ 55		1.1	.6		.1													15	15	127	89
54/ 53		.3	.1															3	3	97	95
52/ 51																				29	129
50/ 49																				7	115
48/ 47																				2	66
46/ 45																					45
44/ 43																					31
42/ 41																					17
40/ 39																					12
38/ 37																					3
36/ 35																					1
34/ 33																					1
32/ 31																					2
TOTAL		6.6	7.9	17.3	20.8	17.9	15.4	7.6	3.3	.9	.9	1.0	.6					800	800	800	800

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	309655	48398	60.5	14.526	800
Dry Bulb	3642971	53763	67.2	6.117	800
Wet Bulb	2765176	46918	58.6	4.118	800
Dew Point	2212257	41835	52.3	5.543	800

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			51.2	14.9	3.6		93
Wet Bulb			4.0				93
Dew Point		.2	.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | JUL MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91														.4	.1			4	4		
90/ 89													.3					2	2		
88/ 87											.1	.3	.4					6	6		
86/ 85									.3			.3						6	6		
84/ 83									.3	.1	.4							6	6		
82/ 81							.1	.1	.3	.3								6	6		
80/ 79						.3	.3	.3	.6	.3								13	13		
78/ 77					.1	.6	.8	1.6	.4	.3								30	30		
76/ 75					.6	.4	1.3	.4	.6	.1								27	27		
74/ 73				.5		1.9	1.9	1.6	.6	.4								55	55		
72/ 71					1.8	2.3	1.5	1.0	.6									57	57		
70/ 69			.6	.9	3.9	2.5	3.6	1.4	.1									104	104	8	
68/ 67		.1	1.0	1.6	3.0	6.0	3.5	1.4	.1									134	134	25	
66/ 65		.3	1.9	2.0	2.8	2.6	2.4	.8										102	102	35	4
64/ 63		.6	.6	2.1	3.1	2.1	1.1											78	78	92	14
62/ 61		1.4	1.5	3.3	2.6	.9	.4											80	80	111	26
60/ 59	.1	1.5	1.4	2.3	.8	.5	.1											53	53	130	72
58/ 57		1.6	.9	.3	.4	.1												26	26	141	82
56/ 55	.1	.8	.3															9	9	145	93
54/ 53	.1	.1																2	2	86	90
52/ 51																				19	131
50/ 49																				7	99
48/ 47																				1	67
46/ 45																					47
44/ 43																					39
42/ 41																					27
40/ 39																					8
38/ 37																					1
TOTAL	.4	6.4	8.1	12.9	19.0	20.3	16.9	8.5	3.9	1.4	.5	.8	.6	.4	.1			800	800	800	800

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3000301	47555	59.4	14.734	800							
Dry Bulb	3704985	54209	67.8	6.300	800			52.3	18.0	4.1		93
Wet Bulb	2784153	47083	58.9	4.056	800			3.8				93
Dew Point	2211554	41842	52.3	5.378	800							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) JUL (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87												.2						1	1		
82/ 81							.2	.2										2	2		
80/ 79							.4	.2										3	3		
78/ 77					.4	.6	.2	.2	.4									9	9		
76/ 75					.7	.4	.4	.2										9	9		
74/ 73				.2	.2	.9	.6	.2	.2									12	12		
72/ 71					1.1	.9	.6	.6	.2									18	18		
70/ 69			.2	.4	2.4	1.8	2.2	.6										41	41	8	
68/ 67			.4	3.7	1.8	5.2	1.3	.7										71	71	14	1
66/ 65		.2	1.8	2.4	4.2	1.7	1.3	.6										66	66	4	4
64/ 63	.2	1.5	2.6	3.5	3.1	2.6	1.1											79	79	33	8
62/ 61		2.0	2.6	6.1	2.8	1.5	.2											82	82	58	9
60/ 59	.2	2.9	1.5	5.9	2.8	.7	.2											77	77	74	41
58/ 57		1.7	2.8	1.7	.4	.2												36	36	113	61
56/ 55	.2	3.1	2.0	.7	.4													35	35	102	61
54/ 53				.4														2	2	90	66
52/ 51																				37	92
50/ 49																				11	94
48/ 47																				2	32
46/ 45																					28
44/ 43																					31
42/ 41																					11
40/ 39																					3
38/ 37																					1
TOTAL	.6	11.4	13.8	24.9	20.3	16.4	8.5	3.3	.7			.2						543	543	543	543

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2542616	36424	67.1	13.537	543							
Dry Bulb	2239513	34751	64.0	5.350	543			28.4	6.2	.7		93
Wet Bulb	1794443	31139	57.3	4.015	543			3.3				93
Dew Point	1500278	28406	52.3	5.132	543			.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,73-76 (YEARS) JUL (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
74/ 73					.2	.2	.2											3	3		
72/ 71				.2														1	1		
70/ 69			.4	.4	.2	.2												6	6		
68/ 67			.4	.8	.4													8	8		
66/ 65			1.6	.8	1.0	.2												18	18	5	
64/ 63		1.2	2.2	1.6	2.2	.2												37	37	7	1
62/ 61		3.7	3.4	3.6	1.4	.6												64	64	26	8
60/ 59	.8	8.5	7.5	3.4	1.2													108	108	49	36
58/ 57	.2	5.5	7.5	2.6	1.4													87	87	74	57
56/ 55	.6	5.3	6.3	2.6	.8													79	79	101	48
54/ 53		4.5	6.1	1.4	.2													62	62	92	73
52/ 51		2.8	1.6	.8														26	26	71	82
50/ 49		.6	.6															6	6	59	76
48/ 47		.2	.2															2	2	17	51
46/ 45																				6	40
44/ 43																					22
42/ 41																					8
40/ 39																					3
TOTAL	1.6	32.3	37.7	17.9	8.9	1.4	.2											507	507	507	507

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	325172	40312	79.5	10.228	507							
Dry Bulb	1732273	29557	58.3	4.244	507			3.3	.6			93
Wet Bulb	1522687	27713	54.7	3.945	507							93
Dew Point	1371435	26261	51.8	4.704	507							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91														.1	.0			4	4		
90/ 89												.0	.1					6	6		
88/ 87											.0	.1	.1					12	12		
86/ 85									.1	.0	.1	.1	.0					15	15		
84/ 83								.0	.1	.0	.1	.0						9	9		
82/ 81							.0	.1	.1	.1	.1							21	21		
80/ 79					.0	.1	.1	.2	.1	.1								29	29		
78/ 77				.0	.1	.2	.3	.3	.2	.0								66	66		
76/ 75					.2	.1	.4	.3	.1	.1		.0						71	71		
74/ 73				.1	.2	.5	.6	.4	.2	.1	.0	.0						126	126		
72/ 71				.1	.6	.7	.6	.4	.2	.0		.0						155	155	3	
70/ 69			.3	.4	1.4	1.1	1.3	.4	.1		.0							284	284	20	
68/ 67		.0	.5	2.0	1.7	2.6	1.2	.5	.1									492	492	70	4
66/ 65		.3	1.4	1.5	1.6	1.1	.9	.2	.0									406	406	97	12
64/ 63	.1	1.3	1.4	2.1	2.2	1.1	.4	.0										503	503	284	52
62/ 61	.1	2.7	2.1	2.9	1.7	.5	.2											582	582	491	130
60/ 59	.9	5.2	3.6	3.1	1.2	.2	.1											827	827	666	445
58/ 57	.6	4.1	3.6	1.4	.5	.1	.0											592	592	946	560
56/ 55	.7	5.3	2.5	.9	.2													558	558	990	661
54/ 53	.6	4.1	1.7	.3	.1													386	386	909	734
52/ 51	.5	3.0	1.3	.2														283	283	556	979
50/ 49	.3	2.2	.8	.0														190	190	380	877
48/ 47	.1	1.0	.2	.1														80	80	206	489
46/ 45	.1	.5	.0															38	38	97	379
44/ 43		.2																12	12	26	234
42/ 41		.0																1	1	7	124
40/ 39																					48
38/ 37																					14
36/ 35																					2
34/ 33																					1
32/ 31																					3
TOTAL	3.9	30.0	19.6	15.1	11.6	8.5	6.1	2.8	1.2	.3	.2	.3	.2	.1	.0				5748		5748
																		5748		5748	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33297711	427125	74.3	16.469	5748							
Dry Bulb	21732985	351017	61.1	7.191	5748			167.0	46.5	10.0		744
Wet Bulb	18122968	321622	56.0	4.701	5748			12.0				744
Dew Point	15722990	299244	52.1	5.009	5748		.4	.5				744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | AUG MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1													1	1		
72/ 71					.1													1	1		
68/ 67			.3	.1														3	3		
66/ 65		.3		.3														4	4	3	
64/ 63		2.5	1.3		.1	.1												29	29	5	3
62/ 61	.6	4.5	2.1	.4	.3													56	56	23	13
60/ 59	1.4	11.0	3.2	2.1	.1													128	128	63	46
58/ 57	.6	8.5	4.5	1.4	.1													108	108	111	62
56/ 55	1.4	8.9	4.7	.1														109	109	97	105
54/ 53	.3	11.7	1.5	.1														98	98	126	67
52/ 51	1.5	6.3	2.5															74	74	121	123
50/ 49	.4	7.7	1.4															68	68	68	138
48/ 47		2.6	.4															22	22	64	74
46/ 45	.3	1.4																12	12	27	53
44/ 43	.1	.4																4	4	8	25
42/ 41																				1	7
40/ 39																					1
TOTAL	6.6	65.8	21.9	4.6	1.0	.1												717	717		717
																		717		717	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5504727	62593	87.3	7.517	717							
Dry Bulb	2239737	39945	55.7	4.477	717			.6	.1			93
Wet Bulb	2073824	38438	53.6	4.291	717							93
Dew Point	1949747	37249	52.0	4.518	717							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.1													1	1		
70/ 69			.1															1	1		
66/ 65		.1																1	1	3	
64/ 63	.1	.7																6	6	2	3
62/ 61	.1	3.5	.3															30	30	10	5
60/ 59	1.2	12.5	2.1	.3														122	122	52	43
58/ 57	.8	8.8	2.4	.3														93	93	95	70
56/ 55	2.4	10.6	2.4	.5														121	121	111	88
54/ 53	1.6	10.8	2.0															109	109	115	100
52/ 51	3.0	8.5	.4															91	91	115	122
50/ 49	1.4	7.2	.8															72	72	108	115
48/ 47	.8	5.8	.3															52	52	53	77
46/ 45	.7	3.4																31	31	53	64
44/ 43	.9	1.4																18	18	27	41
42/ 41	1.1	.5																12	12	15	27
40/ 39	.1																	1	1	2	6
TOTAL	14.2	74.0	10.6	1.1	.1														761		761
																		761		761	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6296807	69065	90.8	6.153	761							
Dry Bulb	2227964	41008	53.9	4.889	761			.2	.1			93
Wet Bulb	2107206	39884	52.4	4.714	761							93
Dew Point	2015488	38994	51.2	4.787	761							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

 0600-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71					.1													1	1		
70/ 69					.3													2	2		
68/ 67		.1	.4	.4														7	7	1	1
66/ 65		.1	.6	.1	.1	.1												9	9	2	
64/ 63	.3	2.3	1.9	.3	.3													39	39	8	5
62/ 61	.4	6.0	2.9	.5														77	77	32	13
60/ 59	1.1	9.3	4.2	1.7														128	128	85	73
58/ 57	.8	8.4	5.6	1.0														124	124	111	64
56/ 55	1.5	10.7	5.0	.6	.1													141	141	142	104
54/ 53	1.4	9.0	2.7	.1														104	104	145	118
52/ 51	2.2	4.8	.9															62	62	116	147
50/ 49	.5	5.4	.4															49	49	71	137
48/ 47	.3	2.3	.1															21	21	42	55
46/ 45	.8	.6		.1														12	12	18	45
44/ 43	.3	.4																5	5	6	16
42/ 41	.5																	4	4	6	6
36/ 35																					1
TOTAL	9.9	59.5	24.7	4.8	.9	.1													785		785
																		785		785	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6095797	68911	87.8	7.698	785							
Dry Bulb	2500722	44160	56.3	4.589	785			1.2				93
Wet Bulb	2320710	42552	54.2	4.244	785			.1				93
Dew Point	2189019	41311	52.6	4.375	785			.1				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1								1	1		
86/ 85										.3								2	2		
82/ 81								.1	.1									2	2		
80/ 79						.1	.1				.1							3	3		
78/ 77							.6	.3	.3		.1							10	10		
76/ 75					.1	.1	.4		.3									7	7		
74/ 73					.5	.8	.3	.3		.3								16	16		
72/ 71			.1	.1	.8	.6	.3		.1									16	16		
70/ 69		.1		1.5	1.1	.8	.6	.1			.1							35	35	4	
68/ 67		.4	.6	2.9	1.9	2.5	.1											67	67	8	1
66/ 65		.3	3.3	2.8	2.5	1.9	.5	.1										90	90	16	4
64/ 63		1.9	3.7	4.3	4.8	1.0												124	124	50	5
62/ 61	.1	2.9	4.3	6.3	2.4	.9	.1											135	135	93	26
60/ 59	.3	5.3	6.8	6.9	3.0	.1												178	178	113	97
58/ 57		2.1	3.9	2.1	.3													67	67	155	64
56/ 55		1.6	1.4	.5														28	28	179	126
54/ 53		1.1	.1															10	10	120	118
52/ 51		.1																1	1	47	122
50/ 49		.3																2	2	8	120
48/ 47																				1	58
46/ 45																					34
44/ 43																					12
42/ 41																					6
32/ 31																					1
TOTAL	.4	16.1	24.2	27.5	17.4	8.8	3.0	.9	.8	.6	.4							794	794	794	794

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4218750	56984	71.8	12.760	794							
Dry Bulb	3168266	49996	63.0	5.041	794			18.6	4.8	.7		93
Wet Bulb	2631976	45620	57.5	3.697	794			1.4				93
Dew Point	2270051	42301	53.3	4.552	794		.1	.1				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.4	.1					4	4		
88/ 87										.1	.5							5	5		
86/ 85										.3	.1	.4						6	6		
84/ 83								.1	.1	.1		.3						5	5		
82/ 81								.3	.4	.1	.4	.4	.1					13	13		
80/ 79						.4	.1	1.0	.4	.1	.3	.4						21	21		
78/ 77					.1	.1	1.3	.6	1.0	.1	.1							27	27		
76/ 75					.3	.5	.6	1.1	.6									25	25		
74/ 73				.3	.3	.8	.9	1.7	.3									32	32		
72/ 71			.3	.3	1.9	.4	1.9	.8										43	43		
70/ 69			.4	1.0	2.8	2.2	2.3	.3										70	70	15	
68/ 67		.3	1.4	4.0	3.7	5.0	2.4	.3										133	133	18	2
66/ 65		.6	1.5	2.3	3.4	4.6	1.4	.4										112	112	38	5
64/ 63		.9	2.0	3.4	4.1	3.4	.8											115	115	81	14
62/ 61		1.4	1.5	4.2	2.8	.9	.1											86	86	114	34
60/ 59	.3	2.7	1.1	2.0	1.3	.3												60	60	136	73
58/ 57		.5	.4	.4	.1													11	11	141	64
56/ 55	.1	1.4	.4															15	15	140	114
54/ 53		.1																1	1	79	82
52/ 51																				20	116
50/ 49																				2	132
48/ 47																					73
46/ 45																					44
44/ 43																					17
42/ 41																					13
40/ 39																					1
TOTAL	.4	7.9	9.1	17.9	20.8	18.5	11.9	6.5	2.8	.9	1.4	1.8	.3					784	784	784	784

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3182327	48565	61.9	14.905	784							
Dry Bulb	3575107	52705	67.2	6.390	784			45.6	16.4	4.6		93
Wet Bulb	2736643	46215	58.9	3.975	784			3.9				93
Dew Point	2216596	41500	52.9	5.035	784			.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | AUG MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.1		.1				2	2		
90/ 89												.1	.3					3	3		
88/ 87										.1	.3	.3						5	5		
86/ 85										.1	.1		.1					3	3		
84/ 83								.1	.3	.3	.3		.1					8	8		
82/ 81								.3	.5		.7		.4					14	14		
80/ 79							.1	1.0	.7	.1	.5	.7	.1					25	25		
78/ 77					.3	.3	1.0	1.3	1.3	.5	.1	.1						38	38		
76/ 75						.3	.4	.7	.4									13	13		
74/ 73				.3	.4	.7	1.3	2.0	.3									37	37		
72/ 71			.1	.3	1.7	.7	1.0	1.2	.3									40	40		
70/ 69		.1	.5	1.6	4.7	2.9	3.1	.8										105	105	6	
68/ 67		.1	.7	2.4	2.9	4.3	3.0	.9										109	109	22	
66/ 65		.1	1.7	2.2	4.1	3.1	1.6	.3										100	100	41	4
64/ 63		.5	2.5	2.9	2.4	3.3	.4											91	91	70	10
62/ 61		.5	.7	2.9	4.5	1.6	.5											81	81	115	19
60/ 59	.3	2.8	2.0	1.6	1.3	.3												62	62	125	70
58/ 57		1.0	.7	.3														15	15	153	78
56/ 55	.1	.9	.1															9	9	127	100
54/ 53	.1	.3																3	3	86	105
52/ 51																				16	100
50/ 49																				2	98
48/ 47																					84
46/ 45																					43
44/ 43																					31
42/ 41																					14
40/ 39																					0
38/ 37																					1
TOTAL	.5	6.4	8.9	14.3	22.1	17.3	12.6	8.5	3.7	1.2	2.0	1.3	1.0	.1				763	763	763	763

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2945997	45931	60.2	15.414	763							
Dry Bulb	3527015	51635	67.7	6.549	763			49.0	18.0	6.2		93
Wet Bulb	2654915	44911	58.9	3.869	763			3.4				93
Dew Point	2118793	40019	52.4	5.099	763							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.1		.1				2	2		
90/ 89												.1	.3					3	3		
88/ 87										.1	.3	.3						5	5		
86/ 85										.1	.1		.1					3	3		
84/ 83								.1	.3	.3	.3		.1					8	8		
82/ 81								.3	.5		.7		.4					14	14		
80/ 79							.1	1.0	.7	.1	.5	.7	.1					25	25		
78/ 77					.3	.3	1.0	1.3	1.3	.5	.1	.1						38	38		
76/ 75						.3	.4	.7	.4									13	13		
74/ 73				.3	.4	.7	1.3	2.0	.3									37	37		
72/ 71			.1	.3	1.7	.7	1.0	1.2	.3									40	40		
70/ 69		.1	.5	1.6	4.7	2.9	3.1	.8										105	105	6	
68/ 67		.1	.7	2.4	2.9	4.3	3.0	.9										109	109	22	
66/ 65		.1	1.7	2.2	4.1	3.1	1.6	.3										100	100	41	4
64/ 63		.5	2.5	2.9	2.4	3.3	.4											91	91	70	10
62/ 61		.5	.7	2.9	4.5	1.6	.5											81	81	115	19
60/ 59	.3	2.8	2.0	1.6	1.3	.3												62	62	125	70
58/ 57		1.0	.7	.3														15	15	153	78
56/ 55	.1	.9	.1															9	9	127	100
54/ 53	.1	.3																3	3	86	105
52/ 51																				16	100
50/ 49																				2	98
48/ 47																					84
46/ 45																					43
44/ 43																					31
42/ 41																					14
40/ 39																					6
38/ 37																					1
TOTAL	.5	6.4	8.9	14.3	22.1	17.3	12.6	8.5	3.7	1.2	2.0	1.3	1.0	.1				763	763		763
																		763		763	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2945997	45931	60.2	15.414	763							
Dry Bulb	3527015	51635	67.7	6.549	763			49.0	18.0	6.2		93
Wet Bulb	2654915	44911	58.9	3.869	763			3.4				93
Dew Point	2118793	40019	52.4	5.099	763							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83										.2								1	1		
82/ 81								.2										1	1		
80/ 79								.4		.2		.2						4	4		
78/ 77							.7		.2	.4								7	7		
76/ 75					.4		.2		.5									6	6		
74/ 73				.2	.2	.4	.2	.5	.2									9	9		
72/ 71			.2	.2	.7	.2	.5	.2										11	11		
70/ 69			.7	.5	2.1	1.2	1.1											32	32		
68/ 67			1.2	3.6	1.8	4.1	1.2											67	67	6	
66/ 65		.5	2.1	2.9	2.7	1.8	.4											58	58	13	1
64/ 63		1.4	3.6	3.9	3.4	1.6	.2											79	79	30	10
62/ 61	.4	2.9	3.0	7.0	3.2	.9												97	97	62	18
60/ 59	.4	2.7	2.3	6.2	4.1	.4												90	90	86	47
58/ 57	.2	3.2	3.2	3.0	.5													57	57	103	53
56/ 55		2.0	1.4	1.6	.2													29	29	111	68
54/ 53	.4	.2	.9	.2														9	9	91	70
52/ 51	.4																	2	2	44	88
50/ 49	.2																	1	1	14	99
48/ 47																					50
46/ 45																					37
44/ 43																					15
42/ 41																					4
TOTAL	1.8	12.9	18.7	29.3	19.3	10.5	4.5	1.2	.9	.7		.2						560	560	560	560

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2839580	39184	70.0	13.228	560							
Dry Bulb	2243785	35329	63.1	5.174	560			22.9	4.7	.3		93
Wet Bulb	1837634	32008	57.2	3.818	560			1.0				93
Dew Point	1564342	29478	52.6	4.755	560							93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,72-76 (YEARS) AUG (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.2	.4	.4													5	5		
70/ 69							.2											1	1		
68/ 67		.2	.7	.2		.6	.2											10	10	1	
66/ 65		.7	2.2	.4	.7	.6	.4											27	27	3	1
64/ 63		.7	2.6	1.1	.4													26	26	11	2
62/ 61	.4	6.8	3.9	1.5	.7													72	72	24	11
60/ 59		7.2	6.6	4.8	.6													104	104	67	47
58/ 57		4.4	11.1	1.8	.2													95	95	73	55
56/ 55	.2	7.2	6.8	2.0	.2													89	89	86	49
54/ 53	.2	5.7	5.4	.6														64	64	125	65
52/ 51	.6	3.0	2.0															30	30	77	100
50/ 49	.2	1.8	.6															14	14	49	111
48/ 47		.6	.2															4	4	22	49
46/ 45		.2																1	1	4	33
44/ 43																					16
42/ 41																					3
TOTAL	1.5	38.6	42.3	12.7	3.1	1.1	.7											542	542	542	542

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3649845	44197	81.5	9.204	542							
Dry Bulb	1832644	31428	58.0	4.360	542			2.7				93
Wet Bulb	1634858	29690	54.8	3.959	542			.2				93
Dew Point	1489086	28308	52.2	4.425	542							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.0		.0				2	2		
90/ 89												.1	.1					7	7		
88/ 87										.1	.1	.0						11	11		
86/ 85										.1	.0	.1	.0					11	11		
84/ 83								.0	.1	.1	.0	.0	.0					14	14		
82/ 81								.1	.1	.0	.1	.1	.1					30	30		
80/ 79						.1	.1	.3	.1	.1	.1	.2	.0					53	53		
78/ 77					.1	.1	.5	.3	.4	.1	.1	.0						82	82		
76/ 75					.1	.1	.2	.2	.2									51	51		
74/ 73				.1	.2	.3	.4	.6	.1	.0								96	96		
72/ 71			.1	.1	.7	.2	.5	.3	.1									117	117		
70/ 69		.0	.2	.6	1.4	.9	.9	.2			.0							246	246	25	
68/ 67		.1	.6	1.7	1.3	2.1	.9	.2										396	396	56	4
66/ 65		.3	1.4	1.4	1.7	1.6	.5	.1										401	401	119	15
64/ 63	.1	1.4	2.1	2.0	2.0	1.2	.2											509	509	257	52
62/ 61	.2	3.5	2.3	2.8	1.7	.5	.1											634	634	473	139
60/ 59	.6	6.7	3.5	3.0	1.2	.1												872	872	727	496
58/ 57	.3	4.6	3.7	1.2	.1													570	570	942	510
56/ 55	.8	5.4	2.6	.6	.1													541	541	993	754
54/ 53	.5	4.9	1.4	.1														398	398	887	725
52/ 51	1.0	2.9	.7															260	260	556	918
50/ 49	.4	2.9	.4															206	206	322	950
48/ 47	.1	1.5	.1															99	99	182	520
46/ 45	.2	.7		.0														56	56	102	353
44/ 43	.2	.3																27	27	41	173
42/ 41	.2	.1																16	16	22	80
40/ 39	.0																	1	1	2	14
38/ 37																					1
36/ 35																					1
32/ 31																					1
TOTAL	4.6	35.4	19.2	13.7	10.7	7.3	4.2	2.3	1.1	.4	.5	.4	.2	.0				5706	5706		5706
																		5706		5706	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34733830	435430	76.3	16.246	5706							
Dry Bulb	21315240	346206	60.7	7.366	5706			145.5	46.5	12.8		744
Wet Bulb	17997766	319318	56.0	4.740	5706			10.6				744
Dew Point	15813122	299160	52.4	4.745	5706		.1	.5				744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1															1	1		
66/ 65			.3															2	2		
64/ 63		.7	.6															9	9	2	
62/ 61	.1	3.5	.9															32	32	10	7
60/ 59	.1	6.2	1.1	.1														54	54	37	29
58/ 57	1.4	4.1	2.0															53	54	62	46
56/ 55	3.3	7.0	1.0															79	79	71	57
54/ 53	1.7	7.2	3.4															87	87	81	68
52/ 51	1.3	10.4	3.5															107	107	73	69
50/ 49	1.4	13.3	3.3															127	127	110	120
48/ 47	1.7	6.5	.7															63	63	119	105
46/ 45	.1	6.2																45	45	60	79
44/ 43	.3	2.8																22	22	48	53
42/ 41	.6	1.3																13	13	16	46
40/ 39	.3	.9																8	8	9	15
38/ 37		.4																3	3	7	5
36/ 35																					6
TOTAL	12.3	70.6	16.9	.1															706		705
																		705		705	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5757964	63568	90.2	6.101	705							
Dry Bulb	1947815	36899	52.3	5.231	706			.1				90
Wet Bulb	1831075	35745	50.7	5.158	705							90
Dew Point	1745140	34868	49.5	5.414	705							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | SEP MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
66/ 65		.1	.4																4	4		
64/ 63		1.1	.1																9	9	4	1
62/ 61		2.4	.1	.1															20	20	13	6
60/ 59	.8	6.4	1.1	.1															63	63	28	32
58/ 57	1.2	4.8	.3																47	47	63	43
56/ 55	4.0	7.7	.7																93	93	74	68
54/ 53	1.3	5.6	.7																57	57	74	74
52/ 51	2.1	6.8	2.9																89	89	56	60
50/ 49	2.5	11.3	2.1																120	120	102	84
48/ 47	2.4	7.0	.7																76	76	123	91
46/ 45	2.8	5.0	.1																60	60	75	104
44/ 43	3.1	4.0																	53	53	67	73
42/ 41	1.2	2.5																	28	28	33	65
40/ 39	1.1	1.3																	18	18	22	23
38/ 37	.5	.8																	10	10	10	10
36/ 35	.1	.4																	4	4	6	8
34/ 33	.3																		2	2	3	3
32/ 31																						2
TOTAL	23.4	67.2	9.2	.3																753		753
																			753		753	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6412308	69336	92.1	6.088	753							90
Dry Bulb	1979758	38346	50.9	5.994	753							90
Wet Bulb	1885885	37429	49.7	5.814	753							90
Dew Point	1811924	36666	48.7	5.941	753		.2					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | SEP MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72/ 71					.1													1	1		
70/ 69				.1														1	1		
68/ 67			.3															2	2		
66/ 65		.3	.3															4	4		
64/ 63		1.0	.3															10	10	7	2
62/ 61	.3	2.5	.5															26	26	14	7
60/ 59	.6	5.0	1.1															54	54	27	29
58/ 57	1.9	6.9	1.3	.1														81	81	74	44
56/ 55	3.3	6.8	1.6	.1														94	94	91	87
54/ 53	1.4	7.8	2.3															91	91	86	75
52/ 51	1.6	7.2	2.3															88	88	87	79
50/ 49	3.7	9.8	3.3															133	133	121	137
48/ 47	2.3	4.9	.9															64	64	59	83
46/ 45	1.8	5.2																55	55	60	74
44/ 43	1.6	2.4																32	32	49	72
42/ 41	1.8	1.3																24	24	29	51
40/ 39	.9	1.1																16	16	18	27
38/ 37	.9	.5																11	11	14	13
36/ 35	.3																	2	2	3	9
34/ 33	.3	.4																5	5	4	
32/ 31																				1	5
TOTAL	22.4	63.1	14.0	.4	.1														794		794
																		794		794	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6651699	72477	91.3	6.732	794							
Dry Bulb	2153103	41070	51.7	6.021	794			.5				90
Wet Bulb	2040426	39990	50.4	5.761	794		.1					90
Dew Point	1952619	39099	49.2	5.864	794		.6					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) SEP (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75					.1													1	1		
74/ 73					.1	.1												2	2		
72/ 71				.1	.1													2	2		
70/ 69			.2	.6		.2		.1										10	10		
68/ 67		.1	.6	.9	.5	.9	.1											25	25	2	
66/ 65		.2	1.7	2.5	1.1	.4												48	48	7	
64/ 63		.9	3.1	2.1	2.0	.4												68	68	18	9
62/ 61		3.4	2.2	1.7	1.5	.4												74	75	43	11
60/ 59	.6	6.2	6.0	5.5	2.0	.6												168	168	86	55
58/ 57	.4	3.7	4.7	2.6	1.2													102	102	107	75
56/ 55	1.4	5.2	4.2	3.1	1.2													122	122	134	86
54/ 53	.1	2.9	3.5	2.1	.5													73	73	126	81
52/ 51	.9	2.0	3.5	1.9														66	66	103	123
50/ 49	.1	1.6	1.0	.1														23	23	83	119
48/ 47	.5	.9	.4															14	14	67	71
46/ 45		.4	.2															5	5	22	81
44/ 43		.1																1	1	8	31
42/ 41	.1																	1	1	1	47
40/ 39																					15
38/ 37																					1
TOTAL	4.1	27.6	31.4	23.2	10.4	3.0	.1	.1										805	806	805	805

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5058120	63096	78.4	11.837	805							
Dry Bulb	2740757	46825	58.1	5.038	806			4.5	.3			90
Wet Bulb	2386874	43680	54.3	4.566	805			.2				90
Dew Point	2126978	41152	51.1	5.380	805							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | SEP MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1											1	1		
80/ 79						.1		.1										2	2		
78/ 77						.3	.1											3	3		
76/ 75						.4	.3	.1		.1								7	7		
74/ 73					.6	.6	.4	.5	.1									18	18		
72/ 71				.3	1.4	.3	1.6	1.0	.1									37	37		
70/ 69			.3	.9	1.6	1.1	1.3	.1										42	42	3	
68/ 67			1.3	1.6	2.1	4.3	.9	.6										86	86	4	
66/ 65		.4	1.0	2.6	3.0	2.0	1.1	.1										82	82	19	1
64/ 63		.4	3.3	3.0	3.0	1.9	.3											94	94	37	12
62/ 61	.3	1.4	2.3	2.9	2.9	1.5	.3											91	91	52	22
60/ 59	.3	1.6	2.8	4.9	5.8	2.0	.4											141	141	121	42
58/ 57		1.8	1.8	2.4	2.3	1.0												75	75	123	56
56/ 55	.6	1.6	.9	1.9	2.0	.1												57	57	120	87
54/ 53		1.0	.9	1.4	.6													31	31	112	61
52/ 51		1.3		.6														17	17	87	114
50/ 49	.3	.1	.6															8	8	73	134
48/ 47	.1		.3															3	3	32	57
46/ 45																				12	72
44/ 43																					59
42/ 41																					45
40/ 39																					23
38/ 37																					10
TOTAL	1.3	9.8	15.2	22.3	25.7	15.6	6.7	2.6	.3	.1								795	795		795
																		795		795	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3687473	53055	66.7	13.597	795							
Dry Bulb	3110221	49521	62.3	5.670	795			22.2	3.5	.1		90
Wet Bulb	2492725	44363	55.8	4.649	795			.8				90
Dew Point	2060733	40205	50.6	5.882	795							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | SEP MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1		
84/ 83							.1	.1										2	2		
82/ 81								.3	.1									3	3		
80/ 79						.1												1	1		
78/ 77						.3	.4			.1								6	6		
76/ 75						.1	.5											5	5		
74/ 73					.8	.5	.4	.5	.1									18	18		
72/ 71			.1	.1	1.0	.9	1.8	1.3										41	41	2	
70/ 69			.3	.5	.9	.8	1.0	.4										30	30	2	
68/ 67			1.5	1.1	1.3	3.2	1.5	.4										71	71	8	
66/ 65		.1	.9	2.5	2.5	3.3	.6	.3										81	81	16	2
64/ 63	.1	.8	2.4	2.8	2.7	2.4	.8											94	94	37	12
62/ 61	.1	1.1	1.9	3.4	2.4	1.5	.4											86	86	47	17
60/ 59	.3	1.9	2.3	5.8	6.2	2.5	.1											151	151	105	41
58/ 57		2.2	1.9	2.9	1.9	.8												76	76	112	67
56/ 55	.1	2.2	1.8	1.5	1.9	.5												63	63	127	61
54/ 53		.6	1.0	1.9	.3													30	30	113	61
52/ 51	.1	.5	.5	.6	.3													16	16	101	100
50/ 49		.4	.6	.3														10	10	62	118
48/ 47	.1	.1	.3															4	4	42	95
46/ 45																				14	67
44/ 43																				1	64
42/ 41																					58
40/ 39																					14
38/ 37																					11
36/ 35																					1
TOTAL	.9	9.9	15.5	23.0	22.1	16.9	7.6	3.2	.4	.1								789		789	789

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3604425	52241	66.2	13.587	789							
Dry Bulb	3077313	49049	62.2	5.975	789			20.3	4.1	.7		90
Wet Bulb	2453992	43840	55.6	4.788	789			1.4				90
Dew Point	2018159	39635	50.2	5.866	789							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | SEP MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.2											1	1		
80/ 79							.2											1	1		
78/ 77						.2												1	1		
74/ 73					.6	.2												4	4		
72/ 71					.2													1	1		
70/ 69			.4	.7	.9				.2									12	12	1	
68/ 67		.2	1.1	1.7	1.3	.9	.2											29	29	2	
66/ 65		.9	2.6	.9	.6	.6	.2											31	31	8	2
64/ 63		2.0	2.8	1.5	1.3	.2												42	42	22	5
62/ 61		1.7	2.0	4.4	1.1	.2	.2											52	52	41	23
60/ 59	.2	2.9	5.0	3.9	.9													70	70	33	27
58/ 57		2.9	5.9	2.6	1.7	.2												72	72	49	38
56/ 55		5.0	5.9	3.9	.4													82	82	84	37
54/ 53		4.4	5.1	2.9														68	68	94	48
52/ 51	.2	1.8	2.6	1.7														34	34	84	89
50/ 49	.2	1.5	2.9	.6														28	28	57	100
48/ 47		.9	.7	.4														11	11	37	58
46/ 45		.2	.2															2	2	23	45
44/ 43			.4															2	2	5	42
42/ 41		.2																1	1	1	15
40/ 39																				3	8
38/ 37																					5
36/ 35																					2
TOTAL	.6	24.6	37.5	25.0	8.8	2.4	.9		.2										544		544
																		544		544	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3285861	41909	77.0	10.268	544							
Dry Bulb	1860842	31666	58.2	5.690	544			8.1	1.2	.3		90
Wet Bulb	1607932	29448	54.1	5.049	544			.5				90
Dew Point	1422152	27648	50.8	5.593	544							90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-71,73-76 YEARS | SEP MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.4															2	2		
68/ 67			.2	.2	.2													3	3		
66/ 65		.2	2.0	.2														12	12	2	
64/ 63		1.6	1.4															15	15	4	2
62/ 61	.2	1.8	2.4	.2														23	23	22	9
60/ 59	.4	5.5	2.6	1.0														48	48	26	24
58/ 57	1.2	6.7	3.0	.4														57	57	43	37
56/ 55	1.2	7.9	6.5	.4														81	81	57	50
54/ 53	.8	9.9	7.9	.2														95	95	72	46
52/ 51	.8	6.1	3.2	.2														52	52	81	60
50/ 49	.2	6.1	3.4	.2														50	50	77	82
48/ 47		5.7	3.2															45	45	53	77
46/ 45		2.8																14	14	45	38
44/ 43	.4																	2	2	17	49
42/ 41		.8	.4															6	6		19
40/ 39		.2																1	1	5	6
38/ 37																				2	4
36/ 35																					3
TOTAL	5.1	55.3	36.4	3.0	.2													506	506		506
																		506		506	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	378263	43639	86.2	6.994	506							
Dry Bulb	1507053	27497	54.3	5.037	506			.9				90
Wet Bulb	1384127	26347	52.1	4.927	506							90
Dew Point	1293190	25440	50.3	5.294	506							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.0									1	1		
84/ 83							.0	.0										2	2		
82/ 81							.0	.0	.0									5	5		
80/ 79						.0	.0	.0										4	4		
78/ 77						.1	.1			.0								10	10		
76/ 75					.0	.1	.1	.0		.0								13	13		
74/ 73					.3	.2	.1	.1	.0									42	42		
72/ 71			.0	.1	.4	.2	.5	.3	.0									82	82	2	
70/ 69			.2	.4	.4	.3	.3	.1	.0									97	97	6	
68/ 67		.0	.7	.7	.7	1.2	.4	.1										217	217	16	
66/ 65		.3	1.1	1.2	1.0	.8	.3	.1										264	264	52	5
64/ 63	.0	1.0	1.7	1.2	1.2	.7	.1											341	341	129	43
62/ 61	.1	2.2	1.5	1.6	1.1	.5	.1											404	405	242	102
60/ 59	.4	4.5	2.7	2.8	2.0	.7	.1											749	749	463	279
58/ 57	.8	4.1	2.5	1.4	.9	.3												563	564	633	406
56/ 55	1.8	5.3	2.5	1.3	.8	.1												671	671	758	533
54/ 53	.7	4.7	2.8	1.1	.2													532	532	758	514
52/ 51	.9	4.5	2.2	.6	.0													469	469	672	694
50/ 49	1.1	5.5	2.0	.1														499	499	685	894
48/ 47	.9	3.2	.8	.0														280	280	562	637
46/ 45	.6	2.5	.1															181	181	331	560
44/ 43	.7	1.2	.0															112	112	195	443
42/ 41	.5	.8	.0															73	73	80	346
40/ 39	.3	.5																43	43	57	131
38/ 37	.2	.2																24	24	33	65
36/ 35	.1	.1																6	6	9	29
34/ 33	.1	.1																7	7	7	3
32/ 31																				1	7
TOTAL	9.2	40.4	20.8	12.5	9.0	5.2	2.1	.8	.1	.0								5691	5693	5691	5691

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38246113	459321	80.7	14.366	5691							
Dry Bulb	18376867	320873	56.4	7.157	5693			59.8	9.7	1.1		720
Wet Bulb	16083036	300842	52.9	5.620	5691		.1	3.0				720
Dew Point	14430901	284713	50.0	5.734	5691		.9					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.1	.4															4	4		
62/ 61	.1	.1																2	2	3	2
60/ 59	.1	1.1																9	9	4	2
58/ 57	.3	3.6	.1															30	30	17	9
56/ 55	.8	3.9	1.1															43	43	35	28
54/ 53	1.1	5.8	1.5															62	62	44	31
52/ 51	1.8	8.4	2.8															96	96	77	59
50/ 49	2.2	8.0	3.0															97	97	85	102
48/ 47	1.3	5.3	1.1	.4														60	60	80	61
46/ 45	1.2	8.2	1.2															79	79	78	78
44/ 43	2.4	5.0	1.6															67	67	81	77
42/ 41	3.6	6.6	.5															80	80	75	86
40/ 39	2.7	3.2	.5															48	48	75	69
38/ 37	1.9	2.4	.5															36	36	39	57
36/ 35	.4	.7	.3															10	10	24	32
34/ 33	.8	.3																8	8	13	20
32/ 31	.8	.4																9	9	10	16
30/ 29		.3																2	2	2	8
28/ 27																					5
TOTAL	21.0	63.3	14.7	.4															742		742
																		742		742	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6106516	67082	90.4	7.514	742							
Dry Bulb	1677344	34968	47.1	6.301	742		1.4					93
Wet Bulb	1580830	33946	45.7	6.128	742		1.5					93
Dew Point	1494878	32960	44.4	6.445	742		3.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15638 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) OCT (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.1	.1															2	2		
62/ 61			.3															2	2	1	
60/ 59	.5	.4	.3	.3														11	11	7	5
58/ 57	.1	2.6	.3															23	23	7	5
56/ 55	.8	4.1	.4															41	41	35	18
54/ 53	1.2	5.7	1.4															64	64	46	42
52/ 51	2.3	7.2	2.3															92	92	72	60
50/ 49	3.1	6.8	1.8															91	91	95	99
48/ 47	2.1	5.9	1.7															75	75	90	67
46/ 45	1.9	5.8	1.0	.4														71	71	73	77
44/ 43	2.4	4.5	.6															59	59	77	62
42/ 41	5.1	5.5	1.0															91	91	79	112
40/ 39	2.6	3.3	.4															49	49	57	59
38/ 37	3.5	1.9	.1															43	43	59	65
36/ 35	1.9	1.4	.1															27	27	33	45
34/ 33	2.1	.6																21	21	28	28
32/ 31	.5	.1																5	5	7	14
30/ 29	.4	.5																7	7	6	8
28/ 27	.4																	3	3	5	8
26/ 25																					3
TOTAL	30.9	56.6	11.8	.6														777	777	777	777

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6579815	71259	91.7	7.498	777							
Dry Bulb	1697315	35939	46.3	6.717	777		1.8					93
Wet Bulb	1610470	35018	45.1	6.449	777		2.2					93
Dew Point	1533259	34131	43.9	6.619	777		3.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-62,70-76 YEARS | OCT MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.3															2	2		
62/ 61		.1	.3															3	3		
60/ 59	.1	.8	.5															11	11	5	1
58/ 57	.4	3.2	.3	.1														31	31	21	10
56/ 55	1.0	5.2	.4	.1	.1													54	54	38	30
54/ 53	1.4	3.9	.4															45	45	57	51
52/ 51	.9	6.3	2.9															80	80	41	46
50/ 49	4.2	9.6	2.4															128	128	105	92
48/ 47	1.5	6.2	1.1	.1														71	71	103	75
46/ 45	2.0	5.6	.9	.4														70	70	74	92
44/ 43	2.9	5.4	1.0															74	74	81	67
42/ 41	4.3	4.2	.1															68	68	81	115
40/ 39	2.2	2.8	.8															45	45	56	39
38/ 37	4.2	.9	.3															42	42	54	66
36/ 35	1.6	1.5																25	25	26	37
34/ 33	1.9	1.0																23	23	27	32
32/ 31	.8	.4																9	9	9	17
30/ 29	.3	.5																6	6	6	7
28/ 27	.4																	3	3	6	9
26/ 25																					4
TOTAL	30.0	57.6	11.5	.8	.1														790		790
																		790		790	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	665202	72272	91.5	7.677	790							
Dry Bulb	1746706	36754	46.5	6.826	790		2.1					93
Wet Bulb	1656272	35802	45.3	6.541	790		2.5					93
Dew Point	1573214	34852	44.1	6.724	790		4.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | OCT MONTH

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65				.3														2	2		
64/ 63			.3	.3														4	4		
62/ 61		1.3	.9	.6														22	22		
60/ 59		3.0	2.3	.9	.4													52	52	19	2
58/ 57	.8	3.0	2.4	.9	.1													57	57	40	29
56/ 55	.4	3.4	4.3	1.8	.5													82	82	58	37
54/ 53	.6	5.5	4.6	1.5	.1													99	99	68	48
52/ 51	1.0	5.5	5.0	1.5														104	104	90	76
50/ 49	1.5	7.0	6.1	1.5														129	129	122	104
48/ 47	1.3	4.9	2.6	1.5														82	82	130	92
46/ 45	1.6	4.8	1.1	.6	.1													66	66	109	109
44/ 43	1.4	2.5	.9	.4														41	41	68	96
42/ 41	2.6	1.5	.6	.3														40	40	51	101
40/ 39	.5	.5	.1	.1														10	10	20	34
38/ 37	.3	.3	.1															5	5	14	35
36/ 35		.1																1	1	5	15
34/ 33		.3																2	2	3	7
32/ 31		.1																1	1	2	5
30/ 29																					5
28/ 27																					2
26/ 25																					2
TOTAL	11.9	43.6	31.3	12.0	1.3														799		799
																		799		799	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5787143	67483	84.5	10.476	799							
Dry Bulb	2103104	40756	51.0	5.506	799		.1					93
Wet Bulb	1908420	38826	48.6	5.219	799		.2					93
Dew Point	1742412	37016	46.3	5.874	799		1.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | OCT MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71					.1													1	1		
70/ 69				.1	.1													2	2		
68/ 67				1.0	.1	.1												10	10		
66/ 65			.8	.5	1.0	.5	.3	.1										25	25		
64/ 63		.1	1.1	1.9	.6	.4												33	33	2	
62/ 61		.4	1.6	1.9	1.4	.4		.3										47	47	16	
60/ 59	.5	1.8	3.5	2.8	2.5	.4												91	91	29	11
58/ 57	.3	3.3	3.5	2.9	1.8													93	93	60	30
56/ 55	.8	3.0	5.8	4.8	2.5	.1												135	136	90	49
54/ 53	.3	2.8	5.4	2.8	2.4													108	108	105	50
52/ 51	.1	3.7	3.8	2.8	1.1													91	91	114	79
50/ 49	.9	2.4	3.2	2.8	1.4	.1												85	85	137	126
48/ 47	.8	1.3	1.3	1.3	.9													43	43	96	115
46/ 45	.6	.8	.3	.4														16	16	68	87
44/ 43	.1	.3	.8	.1														10	10	40	56
42/ 41			.3	.1														3	3	24	75
40/ 39																				8	36
38/ 37																				4	26
36/ 35																					24
34/ 33																					15
32/ 31																					10
30/ 29																					3
28/ 27																					1
TOTAL	4.3	19.7	31.3	26.1	16.0	2.0	.3	.4											794		793
																		793		793	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4537053	59117	74.5	12.810	793							
Dry Bulb	2443947	43863	55.2	5.124	794			1.5				93
Wet Bulb	2076251	40393	50.9	4.866	793							93
Dew Point	1778605	37231	46.9	6.218	793		1.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | OCT MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71						.1												1	1		
70/ 69					.4													3	3		
68/ 67				.4	.3	.1												6	6		
66/ 65		.1	.4	.6	.5	.3	.1											16	16		
64/ 63		.1	.8	1.3	.9	.3	.4	.3										31	31	3	
62/ 61		.9	1.3	2.4	1.5		.1	.1										50	50	12	1
60/ 59	.1	2.8	2.0	4.4	2.0	.6	.1	.1										98	98	26	10
58/ 57	.1	2.6	2.8	3.5	1.0	.1												81	81	53	34
56/ 55		2.8	5.1	4.6	1.8	.1												115	115	77	33
54/ 53	.3	3.5	5.0	3.1	.9													102	102	85	49
52/ 51	.0	3.5	4.9	3.9	.4													106	106	128	74
50/ 49	.8	3.6	3.4	2.5	.9													89	89	142	113
48/ 47	.4	1.4	2.9	1.8	.4													54	54	98	104
46/ 45	.1	.5	1.3	.5	.3													21	21	81	98
44/ 43		1.1	.6	.8														20	20	39	61
42/ 41		.1	.1															2	2	39	94
40/ 39		.4																3	3	9	53
38/ 37																				6	31
36/ 35																					18
34/ 33																					12
32/ 31																					7
30/ 29																					6
TOTAL	2.4	23.4	30.5	29.7	11.0	1.8	.8	.5										798	798		798
																				798	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	460265	59829	75.0	12.456	798							
Dry Bulb	2400578	43562	54.6	5.322	798			1.2				93
Wet Bulb	2045977	40215	50.4	4.928	798							93
Dew Point	1754040	37096	46.5	6.093	798		1.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | OCT MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65				.4														2	2		
64/ 63			.7															4	4		
62/ 61		.5	.7	.2														8	8		
60/ 59		2.4	.7	.5														20	20	10	2
58/ 57	.2	2.7	4.5	1.1	.2													48	48	23	12
56/ 55	.5	4.7	4.5	.4	.2													57	57	30	24
54/ 53	.4	4.9	5.1	1.3	.4													66	66	64	26
52/ 51	.7	4.7	4.2	.2														54	54	58	58
50/ 49	1.3	8.7	8.2	2.0														111	111	69	72
48/ 47	.2	6.2	4.5	.5	.2													64	64	80	66
46/ 45		6.0	2.9	.5														52	52	80	61
44/ 43	.4	4.0	1.3	.2														32	32	61	62
42/ 41	.2	2.2	1.3															20	20	40	58
40/ 39	.2	.5	.7															8	8	21	42
38/ 37	.5	.5																6	6	12	40
36/ 35																				4	15
34/ 33																					7
32/ 31																					6
30/ 29																					1
TOTAL	4.5	48.0	39.3	7.2	.9														552		552
																		552		552	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3873868	45994	83.3	8.682	552							
Dry Bulb	1433060	27974	50.7	5.288	552							93
Wet Bulb	1294815	26581	48.2	5.189	552							93
Dew Point	1172513	25233	45.7	5.882	552		1.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1503? STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-71,73-76 YEARS | OCT MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61		.6	.8															7	7		
60/ 59	.2	1.4	.2															9	9	6	5
58/ 57		3.9	.2															21	21	10	5
56/ 55	1.4	4.1	1.9															38	38	30	21
54/ 53		8.1	1.4															49	49	27	21
52/ 51	.6	6.0	2.3															46	46	57	40
50/ 49	1.0	10.1	2.9	.2														73	73	50	61
48/ 47	1.0	9.3	2.1	.4														66	66	69	44
46/ 45	.4	8.7	1.2															53	53	80	67
44/ 43	1.2	7.2	1.6															51	51	48	63
42/ 41	3.3	7.4	.8															59	59	63	73
40/ 39	1.4	1.7	.8															20	20	38	37
38/ 37	.4	1.9	.2															13	13	14	37
36/ 35	.6	1.0																8	8	15	18
34/ 33	.2	.4																3	3	7	11
32/ 31																				1	10
30/ 29																					3
TOTAL	11.4	71.7	16.3	.6															516		516
																		516		516	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4090108	45796	88.8	7.054	516							
Dry Bulb	1206575	24773	48.0	5.784	516							93
Wet Bulb	1125872	23926	46.4	5.654	516		.2					93
Dew Point	1054802	23122	44.8	6.026	516		2.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 60 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) OCT (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71					.0	.0												2	2		
70/ 69				.0	.1													5	5		
68/ 67				.2	.1	.0												16	16		
66/ 65		.0	.2	.2	.2	.1	.1	.0										45	45		
64/ 63		.1	.5	.5	.2	.1	.1	.0										80	80	5	
62/ 61	.0	.5	.7	.7	.4	.1	.0	.1										141	141	32	3
60/ 59	.2	1.7	1.3	1.2	.7	.2	.0	.0										301	301	106	38
58/ 57	.3	3.1	1.7	1.1	.4	.0												384	384	231	134
56/ 55	.7	3.8	2.9	1.6	.7	.0												565	566	393	240
54/ 53	.7	4.9	3.1	1.1	.5													595	595	496	318
52/ 51	1.0	5.7	3.6	1.1	.2													669	669	637	492
50/ 49	1.9	6.8	3.7	1.1	.3	.0												803	803	805	769
48/ 47	1.1	4.8	2.1	.8	.2													515	515	746	624
46/ 45	1.1	4.8	1.2	.4	.1													428	428	643	669
44/ 43	1.4	3.6	1.0	.2														354	354	495	544
42/ 41	2.4	3.3	.6	.1														363	363	452	714
40/ 39	1.2	1.6	.4	.0														183	183	284	369
38/ 37	1.4	1.0	.2															145	145	202	357
36/ 35	.6	.6	.1															71	71	108	204
34/ 33	.7	.3																57	57	78	132
32/ 31	.3	.1																24	24	29	85
30/ 29	.1	.2																15	15	14	41
28/ 27	.1																	6	6	11	25
26/ 25																					9
TOTAL	15.1	46.7	23.1	10.4	4.0	.5	.1	.1											5768		5767
																		5767		5767	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42240970	488832	84.8	11.821	5767							
Dry Bulb	14708629	288589	50.0	6.839	5768		5.8	3.0				744
Wet Bulb	13298907	274707	47.6	6.084	5767		7.0					744
Dew Point	12103723	261041	45.4	6.363	5767		20.6					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GOVERNMENT PRINTING OFFICE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57	.3		.1															3	3	2	2
56/ 55	.3	.3	1.0	.1														12	12	2	2
54/ 53		1.1	.7															13	13	10	
52/ 51	.4	2.7	1.9	.4														40	40	25	10
50/ 49	1.4	7.1	2.6	.1														82	82	34	43
48/ 47	1.2	5.9	1.2	.1														62	62	80	49
46/ 45	2.2	6.7	1.9															79	79	76	72
44/ 43	1.4	6.3	2.1															71	71	72	68
42/ 41	2.9	7.0	2.2															88	88	82	65
40/ 39	1.5	4.2	.8															48	48	70	82
38/ 37	2.5	3.7	.5															49	49	68	56
36/ 35	1.6	4.4	1.0	.1														52	52	43	71
34/ 33	2.1	2.7	.1															36	36	59	54
32/ 31	3.2	3.0	.3															47	49	45	58
30/ 29	1.9	1.9																28	30	35	35
28/ 27	1.4	.4																13	13	20	36
26/ 25	.1	.5																5	5	1	14
24/ 23		.3																2	2	6	6
22/ 21																					1
20/ 19																					6
TOTAL	24.2	58.4	16.4	1.0														730	734	730	730

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5830922	64952	89.0	8.429	730							
Dry Bulb	1316889	30653	41.8	7.083	734		12.1					90
Wet Bulb	1226017	29513	40.4	6.712	730		13.2					90
Dew Point	1131204	28276	38.7	7.023	730		19.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) NOV (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57	.1	.3																3	3	2	1
56/ 55	.3	.5	.4															9	9	4	4
54/ 53	.1	.8	.6															12	12	7	2
52/ 51	.3	3.4	1.4															40	40	12	11
50/ 49	1.4	5.0	2.4															70	70	52	33
48/ 47	2.3	5.1	1.5	.3														73	73	79	61
46/ 45	2.0	5.5	1.5															72	72	82	67
44/ 43	2.4	6.5	2.3	.1														90	90	70	65
42/ 41	3.1	8.5	2.5															113	113	98	99
40/ 39	1.0	4.4	.9															50	50	77	68
38/ 37	1.0	3.5	.1															37	37	55	71
36/ 35	1.0	5.1	1.3															59	59	49	52
34/ 33	4.1	3.5	.3															63	63	76	78
32/ 31	2.9	2.1																40	40	55	66
30/ 29	1.9	1.8	.4															32	32	35	41
28/ 27	2.4	.4																22	23	29	34
26/ 25	1.3	.3																12	12	14	24
24/ 23	.1	.1																2	2	3	15
22/ 21																					3
20/ 19																					4
TOTAL	27.3	56.7	15.4	.4														799	800	799	799

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6481398	71652	89.7	8.366	799							
Dry Bulb	1396593	32935	41.2	7.137	800		12.3					90
Wet Bulb	1308670	31872	39.9	6.837	799		15.3					90
Dew Point	1213830	30608	38.3	7.194	799		21.1					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 1-63,70-76 YEARS | NOV MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.5																4	4	2	
56/ 55		1.1	.3															11	11	4	3
54/ 53	.4	.6	.4															11	11	12	8
52/ 51	.3	1.9	1.0	.1														26	26	12	10
50/ 49	1.4	6.8	2.9	.4														91	91	49	40
48/ 47	2.3	4.5	1.5	.1														67	67	73	55
46/ 45	2.4	6.2	.4															71	71	86	71
44/ 43	1.6	5.5	2.0															73	73	64	63
42/ 41	2.8	8.2	2.4															106	106	84	77
40/ 39	2.0	5.3	1.1															67	67	90	68
38/ 37	1.5	4.5	.3															50	50	72	79
36/ 35	1.5	6.0	.3															62	62	51	74
34/ 33	2.9	3.3	.9															56	56	75	72
32/ 31	2.0	2.4																35	35	42	68
30/ 29	1.9	1.3	.4															28	28	35	34
28/ 27	2.4	.4																22	22	24	31
26/ 25	1.3	.1																11	11	15	19
24/ 23	.4																	3	3	4	17
22/ 21																					2
20/ 19																					3
TOTAL	27.0	58.7	13.7	.6														794	794	794	794

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6470906	71402	89.9	7.936	794							
Dry Bulb	1388809	32731	41.2	7.061	794		11.2					90
Wet Bulb	1304899	31733	40.0	6.799	794		13.6					90
Dew Point	1213023	30513	38.4	7.140	794		19.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.3	.1															3	3		
58/ 57		.5	.1															5	5	2	2
56/ 55	.4	1.6	1.0	.4	.1													28	28	11	5
54/ 53	.1	1.9	1.5	.4														31	31	14	11
52/ 51	.9	4.5	1.9	.9														65	65	36	20
50/ 49	1.6	5.0	3.9	.4														87	87	72	56
48/ 47	1.8	4.3	2.4	1.3	.1													78	78	77	60
46/ 45	1.3	6.0	2.0	.3														76	76	88	54
44/ 43	1.3	8.3	4.0	.3														115	115	99	75
42/ 41	2.0	9.3	2.4	.1	.1													111	111	101	108
40/ 39	1.3	2.6	.5	.1														36	36	100	82
38/ 37	1.3	2.5	.9	.5														41	41	45	108
36/ 35	.8	3.6	1.1															44	44	33	57
34/ 33	.9	1.8	.6															26	26	44	37
32/ 31	1.0	1.9	.1															24	24	37	38
30/ 29	.5	1.3	.1															15	15	22	29
28/ 27	1.1	.1																10	10	14	25
26/ 25	.5																	4	4	4	16
24/ 23																					13
22/ 21																					2
20/ 19																					1
TOTAL	16.5	55.3	23.3	4.5	.4													799	799		799
																		799		799	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6006203	68823	86.1	9.889	799							
Dry Bulb	1576907	35093	43.9	6.678	799		6.0					90
Wet Bulb	1449955	33637	42.1	6.418	799		8.7					90
Dew Point	1311850	31892	39.9	6.980	799		14.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61			.3	.3														4	4		
60/ 59		.4	.5	.4														10	10		
58/ 57		1.5	1.5	.5	.1													29	29	8	
56/ 55	.1	1.6	2.9	.6	.1	.3												45	45	25	12
54/ 53	.1	1.6	2.6	2.0	.6													56	56	32	15
52/ 51	.4	4.0	3.4	2.0	.5													82	82	46	25
50/ 49	1.1	4.9	7.8	3.8	.4													143	143	80	73
48/ 47	.8	3.9	4.7	3.0	.6													103	103	98	64
46/ 45	.3	4.4	4.9	1.9	.5													95	95	111	62
44/ 43	.1	3.7	4.4	1.5	.3													79	79	102	73
42/ 41	.9	3.3	2.3	.4														54	54	102	94
40/ 39	.4	2.4	.9	.5														33	33	81	89
38/ 37		2.8	1.3	.3														34	34	44	95
36/ 35	.1	.6	.5	.1														11	11	28	68
34/ 33	.1	1.0	.1															10	10	20	39
32/ 31	.1	.4																4	4	13	36
30/ 29	.1																	1	1	3	23
28/ 27																					9
26/ 25																					7
24/ 23																					8
22/ 21																					1
TOTAL	4.7	36.6	38.1	17.3	3.2	.3													793		793
																		793		793	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5051216	62622	79.0	11.572	793							
Dry Bulb	1814711	37661	47.5	5.743	793		.6					90
Wet Bulb	1592130	35254	44.5	5.603	793		1.8					90
Dew Point	1372116	32558	41.1	6.685	793		9.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | NOV MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.1	.2	.5														7	7		
58/ 57		1.5	.9	.2														21	21	4	
56/ 55		1.1	1.6	.2														24	24	13	8
54/ 53		2.9	2.7	.7	.1													52	52	23	8
52/ 51	.2	5.0	3.2	1.7														82	82	44	22
50/ 49	.7	4.9	4.9	1.6														97	97	77	69
48/ 47	.6	5.6	5.5	1.0	.2													104	104	86	66
46/ 45	.6	5.5	4.4	1.4	.1													96	96	106	57
44/ 43	.2	5.1	4.1	1.7	.1													91	91	97	76
42/ 41	.7	5.7	5.5	.7														102	102	93	90
40/ 39	.5	3.5	2.0	.1	.1													50	50	102	94
38/ 37	.5	2.1	1.2	.5														35	35	71	97
36/ 35	.2	2.0	.6															23	23	35	71
34/ 33	.9	.4	.4															13	14	35	52
32/ 31	.1	.2	.2															5	5	12	45
30/ 29																				3	25
28/ 27																				1	9
26/ 25																					2
24/ 23																					8
22/ 21																					3
TOTAL	5.5	45.6	37.5	10.6	.7													802	803	802	802

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	538526	65206	81.3	10.056	802							
Dry Bulb	1729676	36986	46.1	5.706	803		.6					90
Wet Bulb	1540627	34861	43.5	5.621	802		1.8					90
Dew Point	1351294	32500	40.5	6.541	802		10.3					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | NOV MONTH

1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.9																5	5	1	
56/ 55	.2	.5	.3	.5														9	9	5	3
54/ 53		2.4	2.4															28	28	10	3
52/ 51	.3	5.4	2.6	.5														51	51	30	12
50/ 49	1.0	9.8	2.8	.3														80	80	58	48
48/ 47	1.7	6.8	2.3	.7														66	66	68	64
46/ 45	.5	5.1	3.1	.2														51	51	56	51
44/ 43	.5	7.3	3.1															63	63	38	41
42/ 41	.7	5.6	2.6															51	51	63	51
40/ 39	.7	5.6	1.6															45	45	57	54
38/ 37	1.2	5.6	1.0															45	45	54	70
36/ 35	.2	5.2	1.0															37	37	38	49
34/ 33	.3	3.8	.3															26	26	41	38
32/ 31	.3	1.0																8	8	25	49
30/ 29	.2	.3	.3															5	5	2	21
28/ 27		.3																2	2	2	9
26/ 25																				4	1
24/ 23																					3
22/ 21																					3
20/ 19																					2
TOTAL	8.0	65.9	23.8	2.3														572	572	572	572

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4238562	49034	85.7	7.850	572							
Dry Bulb	1139910	25284	44.2	6.247	572		2.4					90
Wet Bulb	1045037	24197	42.3	6.128	572		5.2					90
Dew Point	947399	22961	40.1	6.710	572		13.8					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,73-74 (YEARS) NOV (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
58/ 57			.5																2	2		
56/ 55		.5	1.1	.3															7	7		
54/ 53		3.0	1.1																15	15	8	
52/ 51	.3	4.4	3.0																28	28	14	12
50/ 49	1.6	7.4	2.5	.5															44	44	37	23
48/ 47	.8	6.3	1.9	.3															34	34	42	33
46/ 45	.5	5.5	3.0																33	33	30	37
44/ 43	1.6	8.2	4.1	.5															53	53	46	29
42/ 41	.5	8.5	2.2																41	41	37	33
40/ 39	.3	4.1																	16	16	44	39
38/ 37	.5	6.3	.3																26	26	24	36
36/ 35	.8	6.6																	27	27	28	40
34/ 33	1.1	3.0																	15	15	25	29
32/ 31		1.6																	6	6	9	17
30/ 29		2.5	.3																10	10	9	14
28/ 27	.8	1.1																	7	7	7	10
26/ 25																					4	6
24/ 23		.3																	1	1		1
22/ 21																					1	3
20/ 19																						3
TOTAL	9.0	69.3	20.0	1.6															365	365	365	365

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2757455	31607	86.6	7.498	365							
Dry Bulb	702789	15827	43.4	6.734	365		5.9					90
Wet Bulb	647614	15192	41.6	6.482	365		7.4					90
Dew Point	589037	14445	39.6	6.908	365		13.3					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | NOV MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61			.0	.0														4	4		
60/ 59		.1	.1	.1														20	20		
58/ 57	.1	.7	.4	.1	.0													72	72	21	5
56/ 55	.2	1.0	1.1	.3	.0	.0												145	145	64	37
54/ 53	.1	1.7	1.5	.4	.1													218	218	116	47
52/ 51	.4	3.8	2.2	.8	.1													414	414	219	122
50/ 49	1.3	6.1	3.9	1.0	.1													694	694	459	385
48/ 47	1.5	5.2	2.7	.9	.1													587	587	603	452
46/ 45	1.3	5.6	2.6	.5	.1													573	573	635	471
44/ 43	1.1	6.2	3.3	.5	.1													635	635	608	490
42/ 41	1.8	7.0	2.8	.2	.0													666	666	660	617
40/ 39	1.0	3.9	1.0	.1	.0													345	345	621	576
38/ 37	1.1	3.6	.7	.2														317	317	433	612
36/ 35	.8	4.0	.8	.0														315	315	305	482
34/ 33	1.6	2.3	.4															245	246	375	399
32/ 31	1.3	1.6	.1															169	171	238	377
30/ 29	.9	1.0	.2															119	121	144	222
28/ 27	1.1	.3																76	77	97	163
26/ 25	.4	.1																32	32	42	89
24/ 23	.1	.1																8	8	13	71
22/ 21																				1	18
20/ 19																					19
TOTAL	16.0	54.4	23.9	5.2	.6	.0												5654	5660	5654	5654

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42219190	485298	85.8	9.995	5654							
Dry Bulb	11066284	247170	43.7	6.939	5660		52.0					720
Wet Bulb	10113949	236259	41.8	6.537	5654		68.1					720
Dew Point	9129753	223753	39.6	6.973	5654		122.1					720

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57			.3															2	2		
56/ 55		.7	.4															8	8	1	
54/ 53	.1	1.2	.3	.1														12	12	12	1
52/ 51	.1	1.6	.3															14	14	10	13
50/ 49	.4	3.7	1.6	.1														40	40	21	20
48/ 47	.1	4.1	2.5	.1	.3													49	49	31	21
46/ 45	.3	6.9	.4	.3														54	54	44	33
44/ 43	.6	4.1	.6	.3														38	38	63	35
42/ 41	1.9	5.6	1.2															59	59	52	67
40/ 39	1.6	5.2	.7															51	51	57	53
38/ 37	.7	5.6	.7															48	48	51	48
36/ 35	2.7	6.5	.3															64	64	62	58
34/ 33	3.5	6.8	.7															75	75	76	58
32/ 31	2.1	5.6	.1															53	53	56	84
30/ 29	1.0	4.0																34	35	49	42
28/ 27	1.3	2.1																23	23	33	36
26/ 25	1.0	1.5	.1															18	18	15	36
24/ 23	.9	1.2																14	14	15	28
22/ 21	.9	.1																7	7	15	7
20/ 19	.6	.6																8	8	5	11
18/ 17	.3	.1																3	3	5	13
16/ 15	.4																	3	3	4	7
14/ 13																					6
TOTAL	20.8	67.4	10.5	1.0	.3														678		677
																		677		677	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5283287	59599	88.0	7.840	677							
Dry Bulb	1034960	25902	38.2	8.190	678		22.5					93
Wet Bulb	962033	24967	36.9	7.814	677		27.1					93
Dew Point	872005	23645	34.9	8.265	677		37.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | DEC MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.3	.3	.1														5	5		
54/ 53		1.1	.4	.3														13	13	5	
52/ 51	.1	2.1	.6															20	20	14	9
50/ 49	1.0	3.1	1.7	.1														42	42	29	23
48/ 47	.7	4.2	1.4															45	45	37	28
46/ 45	.1	5.4	.6	.4														47	47	53	28
44/ 43	.7	5.4	.8															50	50	49	47
42/ 41	1.5	7.5	1.5															76	76	49	71
40/ 39	.6	4.7	1.5															49	49	68	50
38/ 37	2.0	4.3	1.4															55	55	59	61
36/ 35	1.5	5.9	.1															54	54	53	45
34/ 33	5.6	5.7	.7															86	86	95	72
32/ 31	2.2	4.0	.3															47	47	58	82
30/ 29	.6	3.5																31	31	31	51
28/ 27	2.1	2.9	.1															37	37	47	25
26/ 25	1.5	2.0																25	25	22	39
24/ 23	1.7	.7																17	17	26	34
22/ 21	.6																	4	4	8	19
20/ 19	.3	.3																4	4	3	9
18/ 17	1.0	.4																10	11	10	11
16/ 15																				1	7
14/ 13																					6
TOTAL	24.0	63.6	11.4	1.0														717	718	717	717

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5660022	63452	88.5	7.905	717							
Dry Bulb	1084514	27274	38.0	8.223	718		22.8					93
Wet Bulb	1011380	26342	36.7	7.803	717		26.7					93
Dew Point	919962	24992	34.9	8.258	717		36.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | DEC MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.7																5	5	1	
54/ 53		1.4	.3	.3														14	14	5	2
52/ 51	.3	2.1	.7	.1														23	23	17	7
50/ 49	.7	3.9	2.6															52	52	28	34
48/ 47	1.0	4.7	2.1															56	56	44	25
46/ 45	.8	3.6	.7															37	37	60	43
44/ 43	.1	4.7	.6	.3														41	41	37	43
42/ 41	1.5	7.4	1.3															73	73	55	57
40/ 39	1.5	4.2	1.0															48	48	61	52
38/ 37	1.3	4.6	1.1															50	50	58	53
36/ 35	1.1	6.1	.4															55	55	55	47
34/ 33	3.5	6.9	.6															79	79	79	69
32/ 31	2.9	3.2																44	44	60	80
30/ 29	1.8	2.8																33	33	42	47
28/ 27	3.1	2.8																42	43	37	36
26/ 25	2.2	1.7																28	28	35	39
24/ 23	.4	1.7																15	15	12	29
22/ 21	.8	1.3																15	15	21	14
20/ 19	.1	.1																2	2	5	13
18/ 17	.6	.3																6	6	5	20
16/ 15	.3																	2	2	3	5
14/ 13																					3
12/ 11																					2
TOTAL	24.0	64.0	11.3	.7															721		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5707754	63866	88.7	7.703	720							
Dry Bulb	1094252	27414	38.0	8.491	721		24.2					93
Wet Bulb	1020998	26478	36.8	8.108	720		28.4					93
Dew Point	932437	25161	34.9	8.599	720		37.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) DEC (MONTH)

 0900-1100 (HOURS (L. S. T.))

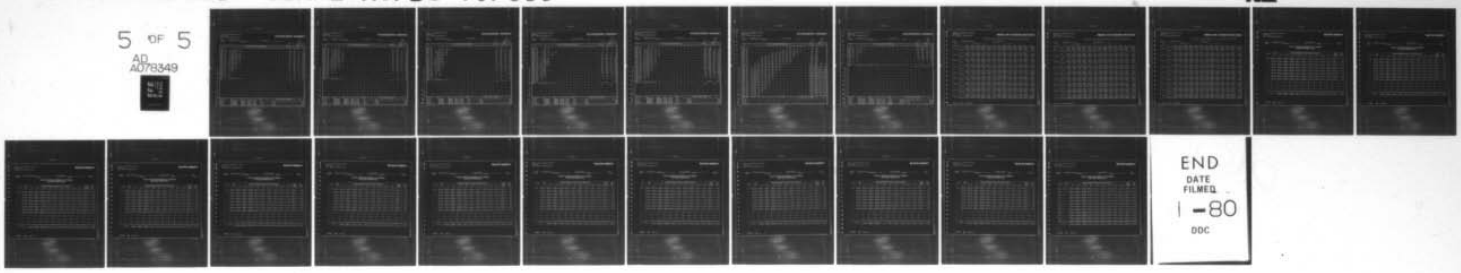
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.7																5	5	2	
54/ 53		1.7	1.0	.3														21	21	3	4
52/ 51	.1	2.3	1.2	.1														28	28	21	3
50/ 49	.6	3.9	1.9															46	46	35	27
48/ 47	.7	3.7	2.3															49	49	45	37
46/ 45	.6	5.8	1.0	.1														54	54	52	39
44/ 43	.6	5.0	2.3	.3														59	59	60	46
42/ 41	2.2	7.8	2.2	.3														91	91	63	80
40/ 39	1.0	4.4	1.1															47	47	65	49
38/ 37	1.2	3.7	1.4															46	46	59	61
36/ 35	1.7	6.5	1.5															70	70	57	51
34/ 33	2.2	4.5	.3															51	51	63	66
32/ 31	2.3	3.9	1.0															52	52	71	63
30/ 29	1.5	2.8																31	31	35	58
28/ 27	1.9	1.7																26	26	32	45
26/ 25	.7	2.8																25	25	18	20
24/ 23	.6	1.4																14	14	22	25
22/ 21	.8	.6																10	10	15	22
20/ 19	.1																	1	1	3	20
18/ 17	.1																	1	3	1	10
16/ 15																			1		1
TOTAL	18.8	62.9	17.2	1.1															730		727
																		727		727	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5557952	63266	87.0	8.490	727							
Dry Bulb	1165947	28569	39.1	8.107	730		20.8					93
Wet Bulb	1076228	27414	37.7	7.650	727		25.2					93
Dew Point	970057	25889	35.6	8.142	727		33.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A078 349 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FAIRFORD RAF, SWINDON, UNITED KINGDOM. REVISED UNIFORM SUMMARY --ETC(U)
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5 OF 5
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 YEARS | DEC MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55		.7	.6															9	9	1	
54/ 53	.1	2.5	1.5	.6														34	34	11	2
52/ 51	.3	2.8	1.7	.1														35	35	25	14
50/ 49		5.5	5.8	1.0														87	87	40	36
48/ 47	.3	3.5	3.5	.8														58	58	61	41
46/ 45	.3	6.6	3.4	1.7	.1													86	86	66	43
44/ 43	.1	3.4	1.8	1.4														48	48	76	51
42/ 41	.7	3.9	3.4	.8														63	63	58	69
40/ 39	.4	3.8	2.5	.4														51	51	65	42
38/ 37	1.3	5.5	2.4	.3														67	67	64	58
36/ 35	2.0	4.6	2.1															62	62	81	79
34/ 33	.4	3.5	.7															33	33	54	57
32/ 31	1.3	3.8	.8	.1														43	43	51	78
30/ 29	.3	1.3	.7															16	16	20	54
28/ 27	.1	1.3																10	10	24	35
26/ 25		1.0																7	7	8	15
24/ 23	.1																	1	1	5	12
22/ 21	.1																	1	1	1	11
20/ 19	.1																	1	2	1	11
18/ 17																					4
TOTAL	8.0	53.7	30.9	7.3	.1													712	713	712	712

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4915909	58709	82.5	10.269	712							
Dry Bulb	1298823	29997	42.1	7.190	713		10.4					93
Wet Bulb	1164666	28382	39.9	6.843	712		14.4					93
Dew Point	1015084	26334	37.0	7.603	712		28.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (YEARS) DEC (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.7																5	5		
54/ 53	.1	1.9	1.2															24	24	7	2
52/ 51	.5	3.0	1.5															37	37	24	13
50/ 49	.1	6.2	2.6	.3														67	67	38	29
48/ 47	.4	3.6	4.0	.4														61	61	64	38
46/ 45	.1	5.9	2.2	.8														66	66	56	44
44/ 43	.3	4.8	1.8	.8														56	56	71	46
42/ 41	.8	6.3	4.0	.4														84	84	59	80
40/ 39	1.0	4.7	3.4	.4														69	69	68	65
38/ 37	1.6	4.7	1.2	.5														59	59	79	56
36/ 35	1.1	6.3	1.9															68	68	69	66
34/ 33	1.2	4.4	.5															45	45	72	60
32/ 31	1.1	4.3	.3	.1														42	42	53	77
30/ 29	.1	1.9	.8															21	22	25	60
28/ 27	.1	1.1	.5															13	13	17	28
26/ 25	.4																	3	3	16	19
24/ 23	.1	.4																4	4	4	16
22/ 21	.5																	4	4	6	8
20/ 19																					12
18/ 17																					7
16/ 15																					2
TOTAL	9.9	60.2	26.1	3.8															729		728
																		728		728	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5219917	61257	84.1	9.491	728							
Dry Bulb	1275931	30061	41.2	7.065	729		11.2					93
Wet Bulb	1159172	28616	39.3	6.873	728		15.5					93
Dew Point	1024019	26727	36.7	7.672	728		29.3					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIKFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | DEC MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.6	.2															4	4		
54/ 53		.9	.2	.2	.2													8	8	5	1
52/ 51	.6	3.8	.6	.2														27	27	13	6
50/ 49	.4	3.9	1.1	.2														30	30	25	23
48/ 47	.4	3.6	2.6	.2														36	36	27	21
46/ 45		4.5	1.1	.2														31	31	29	22
44/ 43	.2	5.8	1.7															41	41	40	22
42/ 41	1.1	6.6	1.9															51	51	44	48
40/ 39	.8	3.4	3.0															38	38	49	46
38/ 37	1.9	5.5	1.5															47	47	46	39
36/ 35	2.6	5.5	1.7	.2														53	53	52	49
34/ 33	1.3	6.6	.4															44	44	51	39
32/ 31	2.4	6.2	.4															48	49	51	62
30/ 29	.2	4.7	.2															27	28	35	40
28/ 27	.8	1.9	.2															15	15	22	39
26/ 25	.9	2.1																16	16	18	21
24/ 23	.4	1.1																8	8	14	17
22/ 21	.4																	2	2	5	7
20/ 19	.6	.2																4	4	3	17
18/ 17		.2																1	1	1	10
16/ 15	.2																	1	1	2	
14/ 13																					3
TOTAL	15.0	66.9	16.7	1.1	.2													532	534	532	532

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3999641	45921	86.3	8.216	532							93
Dry Bulb	833649	20683	38.7	7.815	534		21.6					93
Wet Bulb	765551	19779	37.2	7.541	532		26.4					93
Dew Point	685399	18595	35.0	8.170	532		37.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70,74-75 (YEARS) DEC (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.6	.3															3	3		
56/ 55		.6	.3															3	3	3	
54/ 53		.6	.3															3	3	3	3
52/ 51	.3	1.4	.3		.3													8	8	6	4
50/ 49		1.4		.3														6	6	6	9
48/ 47		1.1	1.1	.6														10	10	3	3
46/ 45		4.5																16	16	10	3
44/ 43	.8	4.5	.8															22	22	27	13
42/ 41	2.3	6.2	1.1															34	34	29	26
40/ 39		3.1	1.1															15	15	19	20
38/ 37	1.1	5.4	2.0															30	30	16	23
36/ 35	1.7	5.9	2.3															35	35	34	25
34/ 33	3.1	7.1	.8															39	39	39	29
32/ 31	2.0	7.1																32	33	38	39
30/ 29	.6	9.6																36	37	39	24
28/ 27	1.7	3.1	.3															18	18	28	34
26/ 25	1.4	3.4																17	17	17	36
24/ 23	.6	2.5																11	11	16	18
22/ 21	.8	.6																5	5	9	13
20/ 19	1.7	.3																7	7	8	6
18/ 17	.6	.3																3	3	2	18
16/ 15	.3																	1	1	2	5
14/ 13																					2
12/ 11																					1
TOTAL	18.9	69.2	10.7	.8	.3													354	356	354	354

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2674073	30641	86.6	7.876	354							
Dry Bulb	473824	12662	35.6	8.131	356		34.5					93
Wet Bulb	437117	12127	34.3	7.837	354		41.8					93
Dew Point	385717	11295	31.9	8.471	354		51.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) DEC (MONTH)

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.0	.1															5	5		
56/ 55		.6	.2	.0														44	44	8	
54/ 53	.1	1.5	.7	.2	.0													129	129	51	15
52/ 51	.3	2.4	.9	.1	.0													192	192	130	69
50/ 49	.4	4.1	2.4	.3														370	370	222	201
48/ 47	.5	3.7	2.5	.3	.0													364	364	312	214
46/ 45	.3	5.5	1.3	.5	.0													391	391	370	255
44/ 43	.4	4.7	1.3	.4														355	355	423	303
42/ 41	1.5	6.4	2.1	.2														531	531	409	498
40/ 39	.9	4.3	1.8	.1														368	368	452	377
38/ 37	1.4	4.8	1.4	.1														402	402	432	399
36/ 35	1.8	5.9	1.2	.0														461	461	463	420
34/ 33	2.6	5.6	.6															452	452	534	450
32/ 31	2.0	4.5	.4	.0														361	363	438	565
30/ 29	.8	3.4	.2															229	233	276	376
28/ 27	1.4	2.0	.1															184	185	240	278
26/ 25	1.0	1.7	.0															139	139	149	225
24/ 23	.6	1.0																84	84	114	179
22/ 21	.6	.3																48	48	80	101
20/ 19	.3	.2																27	28	28	99
18/ 17	.3	.2																24	27	24	93
16/ 15	.1																	7	8	12	27
14/ 13																					20
12/ 11																					3
TOTAL	17.4	62.9	17.3	2.2	.1														5179		5167
																		5167		5167	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39023555	446711	86.5	8.836	5167							
Dry Bulb	8261900	202562	39.1	8.094	5179		160.2					744
Wet Bulb	7597145	194105	37.6	7.688	5167		196.0					744
Dew Point	6804680	182638	35.3	8.219	5167		283.1					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63, 70-76 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91												.0		.0	.0			7	7		
90/ 89												.0	.0					16	16		
88/ 87										.0	.0	.0	.0	.0				30	30		
86/ 85									.0	.0	.0	.0	.0	.0	.0			37	37		
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0				43	43		
82/ 81							.0	.0	.0	.0	.0	.0	.0					75	75		
80/ 79					.0	.0	.0	.1	.0	.0	.0	.0	.0					113	113		
78/ 77				.0	.0	.0	.1	.1	.1	.0	.0	.0						243	243		
76/ 75				.0	.0	.0	.1	.1	.0	.0	.0	.0						213	213		
74/ 73				.0	.1	.1	.2	.2	.0	.0	.0	.0						408	408		
72/ 71			.0	.0	.2	.1	.2	.1	.0	.0	.0	.0						516	516	5	
70/ 69		.0	.1	.1	.3	.3	.3	.1	.0	.0	.0							820	820	62	
68/ 67		.0	.2	.5	.4	.7	.3	.1	.0									1560	1560	177	9
66/ 65		.1	.4	.5	.6	.5	.3	.1	.0									1552	1552	328	35
64/ 63	.0	.4	.6	.7	.6	.5	.2	.0	.0									1950	1950	880	166
62/ 61	.0	.8	.7	.9	.6	.4	.1	.0	.0									2419	2420	1566	412
60/ 59	.2	1.7	1.3	1.3	.8	.4	.1	.0										3873	3873	2416	1447
58/ 57	.2	1.7	1.4	.8	.6	.2	.0	.0										3310	3311	3503	1895
56/ 55	.4	2.4	1.5	.9	.5	.2	.0											4005	4006	4343	2774
54/ 53	.3	2.6	1.7	.7	.4	.1	.0											3860	3860	4601	3145
52/ 51	.4	3.1	1.9	.7	.3	.1	.0											4337	4337	4471	4410
50/ 49	.6	4.5	2.6	.7	.3	.1	.0											5946	5946	5574	6108
48/ 47	.6	3.7	2.0	.6	.2	.0												4695	4695	5578	5014
46/ 45	.6	4.0	1.2	.5	.1	.0												4238	4238	5439	5289
44/ 43	.6	3.5	1.2	.4	.1	.0												3926	3928	4984	5104
42/ 41	1.0	3.9	1.3	.2	.1	.0												4434	4436	4350	6316
40/ 39	.7	2.4	.9	.1	.1													2750	2750	4058	4114
38/ 37	.8	2.4	.6	.1	.0													2639	2639	3278	4218
36/ 35	.5	2.1	.5	.1	.0													2132	2132	2632	3219
34/ 33	.9	1.8	.4	.0														2110	2111	2641	3092
32/ 31	.6	1.4	.3	.0														1665	1675	2063	3143
30/ 29	.4	1.1	.2															1074	1083	1422	1984
28/ 27	.4	.6	.1															703	705	976	1383
26/ 25	.2	.4	.0															436	436	581	1057

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63, 70-76 (YEARS) ALL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23	.2	.3	.0															300	301	386	905
22/ 21	.1	.1																186	186	244	577
20/ 19	.1	.1																119	120	154	429
18/ 17	.1	.0																62	65	79	283
16/ 15	.1	.0																45	47	52	177
14/ 13	.0																	18	18	21	100
12/ 11	.0																	26	26	26	46
10/ 9	.0																	12	12	12	22
8/ 7	.0																	12	13	12	24
6/ 5	.0																	7	7	7	12
4/ 3																					8
2/ 1																					5
TOTAL	10.3	45.3	20.8	9.9	6.4	3.7	1.9	.9	.3	.1	.1	.1	.0	.0	.0			66921	66959	66921	66922

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	445271910	5370896	80.3	14.576	66921							
Dry Bulb	169787827	3288079	49.1	11.150	66959		620.5	527.4	153.1	32.2		8760
Wet Bulb	146994708	3072388	45.9	9.421	66921		799.2	31.5				8760
Dew Point	128311498	2861314	42.8	9.448	66922		1345.9	1.1				8760

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

15038 FAIRFORD RAF UK 61-63,70-76

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	38.0	37.5	37.9	42.7	46.7	52.8	55.9	55.7	52.3	47.1	41.8	38.2	45.6
	S. D.	8.711	6.653	6.582	5.390	4.535	5.073	4.372	4.477	5.231	6.301	7.083	8.190	9.302
	TOTAL OBS	764	674	688	632	668	708	708	717	706	742	734	678	8419
03-05	MEAN	37.5	37.0	36.7	41.5	44.9	50.6	54.1	53.9	50.9	46.3	41.2	38.0	44.4
	S. D.	8.725	6.860	6.764	5.640	4.965	4.983	4.511	4.889	5.994	6.717	7.137	8.223	9.091
	TOTAL OBS	823	719	777	685	723	754	771	761	753	777	800	718	9061
06-08	MEAN	37.7	36.9	37.0	43.0	48.5	54.7	57.1	56.3	51.7	46.5	41.2	38.0	45.8
	S. D.	8.816	7.031	6.671	5.356	4.273	4.831	4.215	4.589	6.021	6.826	7.061	8.491	9.815
	TOTAL OBS	832	723	801	767	790	773	808	785	794	790	794	721	9378
09-11	MEAN	38.8	39.2	42.2	47.9	54.2	61.2	63.2	63.0	58.1	51.0	43.9	39.1	50.2
	S. D.	8.442	6.678	5.938	5.315	4.532	6.254	5.069	5.041	5.038	5.506	6.678	8.104	11.050
	TOTAL OBS	835	725	811	769	793	767	811	794	806	799	799	730	9439
12-14	MEAN	41.6	42.7	46.7	51.4	57.6	65.2	67.2	67.2	62.3	55.2	47.5	42.1	54.0
	S. D.	7.673	6.192	6.318	5.679	5.328	7.439	6.117	6.390	5.670	5.124	5.747	7.190	11.385
	TOTAL OBS	824	725	807	757	777	763	800	784	795	794	793	713	9332
15-17	MEAN	40.9	42.7	46.8	52.0	58.0	65.7	67.8	67.7	62.2	54.6	46.1	41.2	53.9
	S. D.	7.233	6.179	6.588	6.078	5.593	7.830	6.300	6.549	5.975	5.322	5.706	7.065	11.781
	TOTAL OBS	815	733	791	740	784	777	800	763	789	798	803	729	9322
18-20	MEAN	38.4	39.7	43.2	49.0	55.1	62.7	64.0	63.1	58.2	50.7	44.2	38.7	50.6
	S. D.	7.936	6.595	6.298	5.500	5.250	6.617	5.350	5.174	5.690	5.288	6.247	7.815	11.354
	TOTAL OBS	629	518	524	490	547	553	543	560	544	552	572	534	6566
21-23	MEAN	36.3	37.1	39.2	44.8	49.7	56.7	58.3	58.0	54.3	48.0	43.4	35.6	47.8
	S. D.	8.726	7.120	6.335	5.161	4.407	5.213	4.244	4.360	5.037	5.784	6.734	8.131	10.178
	TOTAL OBS	451	352	398	443	486	520	507	542	506	516	365	356	5442
ALL HOURS	MEAN	38.8	39.2	41.3	46.7	52.0	58.7	61.1	60.7	56.4	50.0	43.7	39.1	49.1
	S. D.	8.440	7.040	7.614	6.803	6.866	8.294	7.191	7.366	7.157	6.839	6.939	8.094	11.150
	TOTAL OBS	5973	5169	5597	5283	5568	5615	5748	5706	5693	5768	5660	5179	66959

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

15038 — STATION
FAIRFORD RAF UK — STATION NAME
61-63,70-76 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	36.8	36.1	36.4	41.1	44.8	50.6	53.6	53.6	50.7	45.7	40.4	36.9	44.0
	S. D.	8.316	6.529	6.404	5.317	4.488	5.003	4.288	4.291	5.158	6.128	6.712	7.814	8.941
	TOTAL OBS	763	672	687	632	668	708	708	717	705	742	730	677	8409
03-05	MEAN	36.4	35.7	35.5	40.2	43.4	49.1	52.4	52.4	49.7	45.1	39.9	36.7	43.1
	S. D.	8.365	6.679	6.592	5.524	4.768	4.985	4.487	4.714	5.814	6.449	6.837	7.803	8.859
	TOTAL OBS	820	719	777	685	723	754	771	761	753	777	799	717	9056
06-08	MEAN	36.5	35.7	35.8	41.3	46.2	51.7	54.5	54.2	50.4	45.3	40.0	36.8	44.1
	S. D.	8.509	6.841	6.462	5.277	4.126	4.417	3.915	4.244	5.761	6.541	6.799	8.108	9.287
	TOTAL OBS	831	722	799	706	789	773	808	735	794	790	794	720	9371
09-11	MEAN	37.4	37.3	39.4	44.2	49.1	54.6	57.2	57.5	54.3	48.6	42.1	37.7	46.7
	S. D.	8.085	6.449	5.608	4.942	4.038	4.826	3.860	3.697	4.566	5.219	6.418	7.650	9.427
	TOTAL OBS	834	725	811	769	793	767	811	794	805	799	799	727	9434
12-14	MEAN	39.4	39.6	42.0	46.1	50.8	56.3	58.6	58.9	55.8	50.9	44.5	39.9	48.7
	S. D.	7.229	5.920	5.604	5.007	4.382	4.950	4.118	3.975	4.649	4.866	5.603	6.843	9.037
	TOTAL OBS	824	725	807	757	777	763	800	784	795	793	793	712	9330
15-17	MEAN	38.9	39.6	41.9	46.4	51.0	56.5	58.9	58.9	55.6	50.4	43.5	39.3	48.4
	S. D.	6.947	5.962	5.604	5.069	4.423	4.940	4.056	3.869	4.788	4.928	5.621	6.873	9.167
	TOTAL OBS	815	733	791	740	784	777	800	763	789	798	802	728	9320
18-20	MEAN	36.9	37.6	39.8	45.0	49.4	55.5	57.3	57.2	54.1	48.2	42.3	37.2	46.7
	S. D.	7.738	6.559	5.962	4.960	4.343	4.680	4.015	3.818	5.049	5.189	6.128	7.541	9.562
	TOTAL OBS	628	518	524	490	547	553	543	560	544	552	572	532	6563
21-23	MEAN	35.1	35.3	37.1	42.6	46.5	52.9	54.7	54.8	52.1	46.4	41.6	34.3	45.4
	S. D.	8.525	7.068	6.424	5.210	4.275	4.621	3.945	3.959	4.927	5.654	6.482	7.837	9.472
	TOTAL OBS	451	350	398	443	486	520	507	542	506	516	365	354	5438
ALL HOURS	MEAN	37.3	37.2	38.6	43.4	47.7	53.4	56.0	56.0	52.9	47.6	41.8	37.6	45.9
	S. D.	8.049	6.663	6.590	5.656	5.114	5.496	4.701	4.740	5.620	6.084	6.537	7.688	9.421
	TOTAL OBS	5966	5164	5594	5282	5567	5615	5748	5706	5691	5767	5654	5167	66921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

15038 — STATION
FAIRFORD RAF UK — STATION NAME
61-63,70-76 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	34.8	34.1	34.2	39.2	42.8	48.8	51.8	52.0	49.5	44.4	38.7	34.9	42.2
	S.D.	9.020	7.293	7.233	5.843	5.090	5.464	4.724	4.518	5.414	6.445	7.023	8.265	9.392
	TOTAL OBS	763	672	687	632	668	708	708	717	705	742	730	677	8409
03-05	MEAN	34.6	33.8	33.6	38.5	41.9	47.8	51.1	51.2	48.7	43.9	38.3	34.9	41.5
	S.D.	8.997	7.344	7.258	5.937	5.083	5.391	4.820	4.787	5.941	6.619	7.194	8.258	9.337
	TOTAL OBS	820	719	777	685	723	754	771	761	753	777	799	717	9056
06-08	MEAN	34.7	33.7	33.9	39.3	43.9	49.2	52.4	52.6	49.2	44.1	38.4	34.9	42.3
	S.D.	9.152	7.563	7.094	5.921	4.863	4.978	4.392	4.375	5.864	6.724	7.140	8.599	9.603
	TOTAL OBS	831	722	799	766	789	773	808	785	794	790	794	720	9371
09-11	MEAN	35.3	34.7	35.7	40.1	44.1	49.2	52.5	53.3	51.1	46.3	39.9	35.6	43.2
	S.D.	8.687	7.350	6.773	6.261	5.390	5.943	5.054	4.552	5.380	5.874	6.980	8.142	9.435
	TOTAL OBS	834	725	811	770	793	767	811	794	805	799	799	727	9435
12-14	MEAN	36.5	35.5	36.1	40.4	44.2	49.3	52.3	52.9	50.6	46.9	41.1	37.0	43.6
	S.D.	8.044	7.313	7.403	6.661	6.039	6.227	5.543	5.035	5.882	6.218	6.685	7.603	9.184
	TOTAL OBS	824	725	807	757	777	763	800	784	795	793	793	712	9330
15-17	MEAN	36.1	35.4	35.7	40.3	44.3	49.3	52.3	52.4	50.2	46.5	40.5	36.7	43.4
	S.D.	7.871	7.322	7.373	6.686	6.144	5.975	5.378	5.099	5.866	6.093	6.541	7.672	9.160
	TOTAL OBS	815	733	791	740	784	777	800	763	789	798	802	728	9320
18-20	MEAN	34.7	34.4	35.3	40.6	43.9	49.0	52.3	52.6	50.8	45.7	40.1	35.0	43.0
	S.D.	8.555	7.760	7.560	6.401	5.766	5.619	5.132	4.755	5.593	5.882	6.710	8.170	9.595
	TOTAL OBS	628	518	524	490	547	553	543	560	544	552	572	532	6563
21-23	MEAN	33.1	32.4	33.9	40.0	43.4	49.6	51.8	52.2	50.3	44.8	39.6	31.9	42.9
	S.D.	9.393	8.114	7.883	6.164	5.175	5.235	4.704	4.425	5.294	6.026	6.908	8.471	9.911
	TOTAL OBS	451	350	398	443	486	520	507	542	506	516	365	354	5438
ALL HOURS	MEAN	35.1	34.4	34.8	39.8	43.6	49.1	52.1	52.4	50.0	45.4	39.6	35.3	42.8
	S.D.	8.731	7.503	7.334	6.282	5.528	5.663	5.009	4.745	5.734	6.363	6.973	8.219	9.448
	TOTAL OBS	5966	5164	5594	5283	5567	5615	5748	5706	5691	5767	5654	5167	66922

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.9	82.8	50.7	88.5	763
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	97.2	86.5	52.7	89.2	820
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.5	85.8	49.7	89.1	831
	09-11	100.0	100.0	100.0	100.0	99.8	99.3	96.2	78.9	42.3	87.3	834
	12-14	100.0	100.0	100.0	99.9	99.6	96.4	85.6	60.0	28.8	82.6	824
	15-17	100.0	100.0	100.0	99.8	99.5	96.8	87.2	63.9	29.6	83.3	815
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	96.5	77.1	39.6	86.7	628
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	98.9	84.0	44.8	88.2	451
TOTALS		100.0	100.0	100.0	100.0	99.9	98.9	94.5	77.4	42.3	86.9	5966

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	99.4	95.8	83.9	42.4	87.7	672
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.3	83.4	48.3	88.3	719
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	94.9	83.2	49.3	88.1	722
	09-11	100.0	100.0	100.0	100.0	99.9	97.8	86.1	68.0	33.2	84.2	725
	12-14	100.0	100.0	100.0	100.0	97.7	85.9	66.6	42.6	15.9	76.7	725
	15-17	100.0	100.0	100.0	99.9	97.4	86.8	65.3	41.1	13.5	76.1	733
	18-20	100.0	100.0	100.0	100.0	100.0	95.9	80.1	60.4	18.7	81.7	518
	21-23	100.0	100.0	100.0	100.0	100.0	98.9	90.6	71.4	20.3	83.2	350
TOTALS		100.0	100.0	100.0	100.0	99.4	95.6	85.1	66.8	30.2	83.3	5164

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 STATION | FAIRFORD RAF UK STATION NAME | 61-63,70-76 PERIOD | MAR MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	99.7	99.3	95.2	78.5	37.7	86.7	687
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.4	84.7	49.7	88.7	777
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.0	84.1	46.4	88.4	799
	09-11	100.0	100.0	100.0	99.9	98.3	90.1	72.5	48.1	19.4	78.4	811
	12-14	100.0	100.0	99.9	97.8	86.2	63.6	44.1	24.2	6.4	67.8	807
	15-17	100.0	100.0	99.9	96.5	83.3	62.1	42.6	22.3	6.6	66.8	791
	18-20	100.0	100.0	100.0	99.0	94.5	84.4	62.4	34.9	10.1	74.3	524
	21-23	100.0	100.0	100.0	99.2	99.2	96.5	84.4	59.8	20.9	81.7	398
TOTALS		100.0	100.0	100.0	99.1	95.2	87.0	74.6	54.6	24.7	79.1	5594

USAFETAC FORM JUL 44 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 FAIRFORD RAF UK 61-63,70-76 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	99.8	96.7	82.4	36.7	87.3	632
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.7	89.8	46.6	89.4	685
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	94.8	78.9	40.5	87.0	766
	09-11	100.0	100.0	100.0	100.0	97.1	84.0	64.9	35.9	14.2	75.3	769
	12-14	100.0	100.0	100.0	98.0	87.7	65.0	44.0	19.9	4.6	67.3	757
	15-17	100.0	100.0	100.0	96.8	82.8	60.9	39.9	18.8	4.7	65.8	740
	18-20	100.0	100.0	100.0	99.4	93.1	81.8	63.5	35.7	8.8	73.8	490
	21-23	100.0	100.0	100.0	100.0	100.0	98.4	90.5	67.9	25.3	83.6	443
TOTALS		100.0	100.0	100.0	99.3	95.1	86.2	74.1	53.7	22.7	78.7	5282

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	99.4	97.8	77.5	31.7	86.4	688
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	98.2	87.6	49.1	89.2	723
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	92.8	66.0	27.9	84.3	789
	09-11	100.0	100.0	100.0	99.7	94.3	75.9	49.7	18.3	5.8	69.6	793
	12-14	100.0	100.0	100.0	96.7	80.2	49.2	28.7	11.5	2.2	62.3	777
	15-17	100.0	100.0	99.6	95.0	76.4	44.8	27.7	13.5	4.7	61.8	784
	18-20	100.0	100.0	100.0	98.4	89.2	65.3	40.0	17.9	5.5	67.1	547
	21-23	100.0	100.0	100.0	100.0	99.8	97.1	82.9	43.8	12.3	79.3	486
TOTALS		100.0	100.0	100.0	98.7	92.5	78.8	64.7	42.0	17.4	75.0	5567

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.7	99.6	97.7	77.3	32.9	86.5	708
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.3	90.5	53.3	90.1	754
	06-08	100.0	100.0	100.0	100.0	99.7	97.2	86.5	59.1	23.2	82.3	773
	09-11	100.0	100.0	99.7	98.0	87.6	61.5	36.8	17.7	5.2	66.1	767
	12-14	100.0	100.0	98.4	89.0	64.4	35.8	23.5	13.6	5.1	58.6	763
	15-17	100.0	99.6	97.4	88.8	62.0	34.5	21.4	12.1	5.0	57.7	777
	18-20	100.0	100.0	99.6	96.9	82.3	57.1	31.5	16.3	5.6	64.6	553
	21-23	100.0	100.0	100.0	100.0	99.6	93.3	77.3	40.0	11.2	77.9	520
TOTALS		100.0	100.0	99.4	96.6	86.9	72.4	59.3	40.8	17.7	73.0	5615

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.0	95.5	74.4	34.6	86.1	708
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.6	87.8	51.0	89.6	771
	06-08	100.0	100.0	100.0	100.0	100.0	98.8	91.2	66.7	27.0	84.4	808
	09-11	100.0	100.0	99.6	98.5	92.6	73.7	46.2	20.1	5.8	69.3	811
	12-14	100.0	100.0	98.8	93.9	74.1	46.8	24.0	10.5	2.8	60.5	800
	15-17	100.0	100.0	98.4	92.5	71.4	42.3	21.1	11.0	3.0	59.4	800
	18-20	100.0	100.0	100.0	99.1	90.1	65.6	38.9	18.4	5.2	67.1	543
	21-23	100.0	100.0	100.0	100.0	99.8	95.3	79.9	49.1	14.2	79.5	507
TOTALS		100.0	100.0	99.6	98.0	90.9	77.7	61.9	42.3	18.0	74.5	5748

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.4	96.5	82.8	33.5	87.3	717
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	92.8	55.3	90.8	761
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.8	82.3	39.2	87.8	785
	09-11	100.0	100.0	99.6	98.5	95.6	79.3	54.5	27.7	5.2	71.8	794
	12-14	100.0	100.0	98.1	93.4	77.2	49.4	27.4	12.5	4.1	61.9	784
	15-17	100.0	100.0	97.8	91.6	72.9	47.6	23.7	11.3	3.7	60.2	763
	18-20	100.0	100.0	99.8	98.2	93.0	76.4	47.7	22.3	5.4	70.0	560
	21-23	100.0	100.0	100.0	100.0	99.3	96.5	89.9	56.5	13.1	81.5	542
TOTALS		100.0	100.0	99.4	97.7	92.3	81.1	67.1	48.5	19.9	76.4	5706

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 FAIRFORD RAF UK 61-63,70-76 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.9	50.9	90.2	705
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.9	94.8	64.0	92.1	753
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.7	92.3	59.8	91.3	794
	09-11	100.0	100.0	100.0	100.0	99.4	92.2	75.0	45.0	16.4	78.4	805
	12-14	100.0	100.0	100.0	99.4	89.9	62.1	36.5	18.2	5.8	66.7	795
	15-17	100.0	100.0	100.0	99.2	88.6	61.2	34.9	17.2	5.3	66.2	789
	18-20	100.0	100.0	100.0	99.8	99.3	94.3	75.4	35.5	9.4	77.0	544
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.6	76.7	26.3	86.2	506
TOTALS		100.0	100.0	100.0	99.8	97.2	88.7	77.5	59.0	29.7	81.0	5691

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 (STATION) FAIRFORD RAF UK (STATION NAME) 61-63,70-76 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.1	89.2	57.1	90.4	742
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.6	91.8	63.8	91.7	777
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	91.3	62.9	91.5	790
	09-11	100.0	100.0	100.0	100.0	100.0	98.2	89.6	64.8	31.9	84.5	799
	12-14	100.0	100.0	100.0	99.6	98.6	84.1	62.3	31.5	12.4	74.5	793
	15-17	100.0	100.0	100.0	99.5	97.9	87.7	63.9	32.0	13.9	75.0	798
	18-20	100.0	100.0	100.0	100.0	100.0	98.9	93.5	61.6	22.6	83.3	552
	21-23	100.0	100.0	100.0	100.0	100.0	99.8	98.3	86.8	42.6	88.8	516
TOTALS		100.0	100.0	100.0	99.9	99.6	96.1	87.9	68.6	38.4	85.0	5767

USAFETAC FORM JUL 64 0-87[illegible] (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 FAIRFORD RAF UK 61-63,70-76 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.8	83.3	51.5	89.0	730
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.1	84.2	56.4	89.7	799
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.4	87.2	55.5	89.9	794
	09-11	100.0	100.0	100.0	100.0	99.9	98.5	92.2	73.5	39.3	86.1	799
	12-14	100.0	100.0	100.0	100.0	99.1	93.7	76.5	45.0	18.7	79.0	793
	15-17	100.0	100.0	100.0	100.0	99.9	96.9	83.4	56.2	19.1	81.3	802
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	95.1	75.3	29.4	85.7	572
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.8	75.6	35.3	86.6	365
TOTALS		100.0	100.0	100.0	100.0	99.9	98.6	92.0	72.5	38.2	85.9	5654

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 FAIRFORD RAF UK 61-63,70-76 DEC

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	99.7	97.6	84.0	43.3	88.0	677
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	97.9	84.0	48.4	88.5	717
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.1	84.4	49.6	88.7	720
	09-11	100.0	100.0	100.0	100.0	100.0	99.9	95.9	78.7	40.4	87.0	727
	12-14	100.0	100.0	100.0	100.0	100.0	97.1	85.4	61.9	26.3	82.5	712
	15-17	100.0	100.0	100.0	100.0	99.9	98.4	90.7	67.7	30.1	84.1	728
	18-20	100.0	100.0	100.0	100.0	99.8	99.6	96.2	77.3	34.2	86.3	532
	21-23	100.0	100.0	100.0	100.0	99.7	99.7	96.0	80.8	32.5	86.6	354
TOTALS		100.0	100.0	100.0	100.0	99.9	99.3	94.7	77.4	38.1	86.5	5167

USAFETAC FORM JUL 64 0-87-5 (OL A)

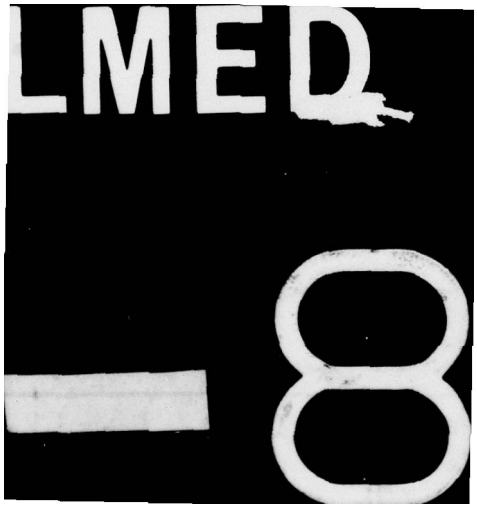
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15038 FAIRFORD RAF UK 61-63,70-76 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	98.9	94.5	77.4	42.3	86.9	5966
FEB		100.0	100.0	100.0	100.0	99.4	95.6	85.1	66.8	30.2	83.3	5164
MAR		100.0	100.0	100.0	99.1	95.2	87.0	74.6	54.6	24.7	79.1	5594
APR		100.0	100.0	100.0	99.3	95.1	86.2	74.1	53.7	22.7	78.7	5282
MAY		100.0	100.0	100.0	98.7	92.5	78.8	64.7	42.0	17.4	75.0	5567
JUN		100.0	100.0	99.4	96.6	86.9	72.4	59.3	40.8	17.7	73.0	5615
JUL		100.0	100.0	99.6	98.0	90.9	77.7	61.9	42.3	18.0	74.5	5748
AUG		100.0	100.0	99.4	97.7	92.3	81.1	67.1	48.5	19.9	76.4	5706
SEP		100.0	100.0	100.0	99.8	97.2	88.7	77.5	59.0	29.7	81.0	5691
OCT		100.0	100.0	100.0	99.9	99.6	96.1	87.9	68.6	38.4	85.0	5707
NOV		100.0	100.0	100.0	100.0	99.9	98.6	92.0	72.5	38.2	85.9	5654
DEC		100.0	100.0	100.0	100.0	99.9	99.3	94.7	77.4	38.1	86.5	5167
TOTALS		100.0	100.0	99.9	99.1	95.7	88.4	77.8	58.6	28.1	80.4	66921


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